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Y F ZHYF

BEIJING ZHYF TECHNOLOGY CO.,LTD

企业简介
Company Profile

ZHYF has a professional background for more than 20 years in push pull and hash environment connectors, Our products are used widely in the application of military communication, medical electronics, audio-video, testing and measurement instrumentations, etc. We also design and manufacture special Fiber Optic Connectors and custom cable assembly for harsh environments.

ZHYF has established its quality management system according to ISO 9001, and 5S management system. Product standards meet the requirement of MIL, UL and IEC, Chinese military GJB accordingly.

ZHYF can design connectors according to customer specifications. In any case, high quality and reliability connection is the primary target for the company to achieve.

Relying on the experienced professional team, we will provide partners with more than expected connectivity solutions.

VISION：To be a shining star in connector industry!

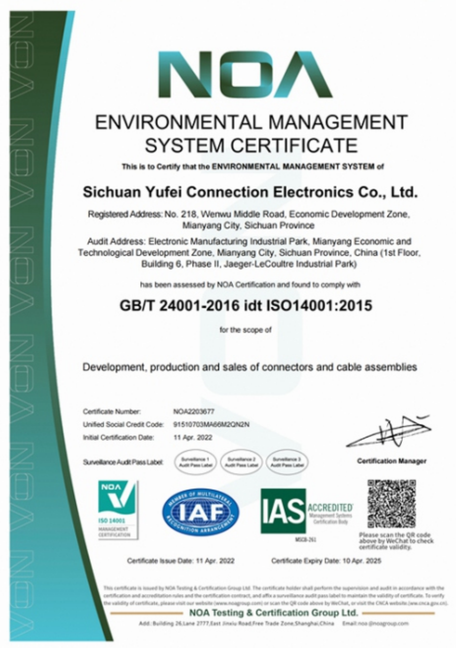
MISSION: Relying on the experienced professional team, to provide partners with more than expected connectivity solutions.


管理体系认证证书


NOA
QUALITY MANAGEMENT SYSTEM CERTIFICATE
Sichuan Yufei Connection Electronics Co., Ltd.
GB/T 19001-2016 idt ISO9001:2015


CERTIFICATE OF MANAGEMENT SYSTEM CERTIFICATION


NOA
OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM CERTIFICATE
Sichuan Yufei Connection Electronics Co., Ltd.
GB/T 45001-2020 idt ISO45001:2018


NOA
ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE
Sichuan Yufei Connection Electronics Co., Ltd.
GB/T 24001-2016 idt ISO14001:2015


CERTIFICATE OF MANAGEMENT SYSTEM CERTIFICATION


NOA
环境管理体系认证证书
四川宇飞连接电子有限公司
GB/T 24001-2016 idt ISO14001:2015 标准


管理体系认证证书
四川宇飞连接电子有限公司

Compatibility

Push pull self-latching system is renowned worldwide for its easy and quick mating and unmating features. It provides absolute security against vibration, shock or pull on the cable, and facilitates operation in a very limited space.

ZHYF has a large range of push pull connectors that can be totally compatible with LEMO、ODU and FISCHER. We have a very strong engineering department, and is readily available to design new product that meet your special needs.

Compatibility comparison table

Item	ZHYF	LEMO	ODU	FISCHER
1	B Series	B Series	L Series	
2	F Series		F Series	CORE Series
3	K Series	K Series	K Series	
4	S Series	S Series		
5	P Series	P Series	MEDI-SNAP Series	
6	U Seires			ULTIMATE Series
7	L Series		L Series	
8	X Series	T Series		
9	W&V Series	W&V Series		

Note：

- Most of our connectors are mating compatible with current products offered by LEMO、ODU or FISCHER
- Mating compatible implies that connectors from ZHYF and LEMO/ODU/FISCHER can be mated and will function electrically and mechanically. This is especially important if the user switches from one supplier to another during ongoing production.
- You can find item from 1 to 5 in this catalog.

Custom design and cable assembly

ZHYF offers the most extensive product line, but some applications require a unique design. ZHYF can supply a connecting solution or the cable that meets your specific requirements, including special materials, personalized layout and cable assembly.

ZHYF helps to guide the customer through the design process of choosing the appropriate materials and functionality required for power, signal and optical fiber choices.

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C02
TSUGAMI
BO203-III

F series

Metal Waterproof Push-pull Self-latching Connector

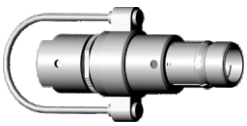
F series

Plugs

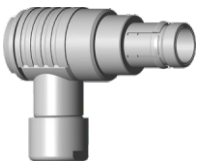
S/SC

SS/SSC

SS/SSC



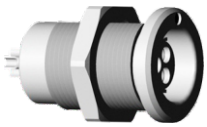
SA



WSO

SFE

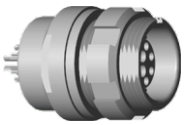
Receptacles



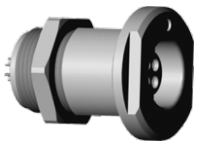
D

DBPU (Variant)

DBP



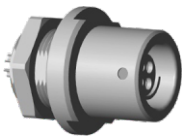
DG



D

DBPU (Variant traxial)

DBPU/DBPLE



DBPU/DBEE

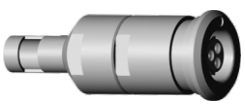
DBPU

FGS (OEM)

FGU (ODM)

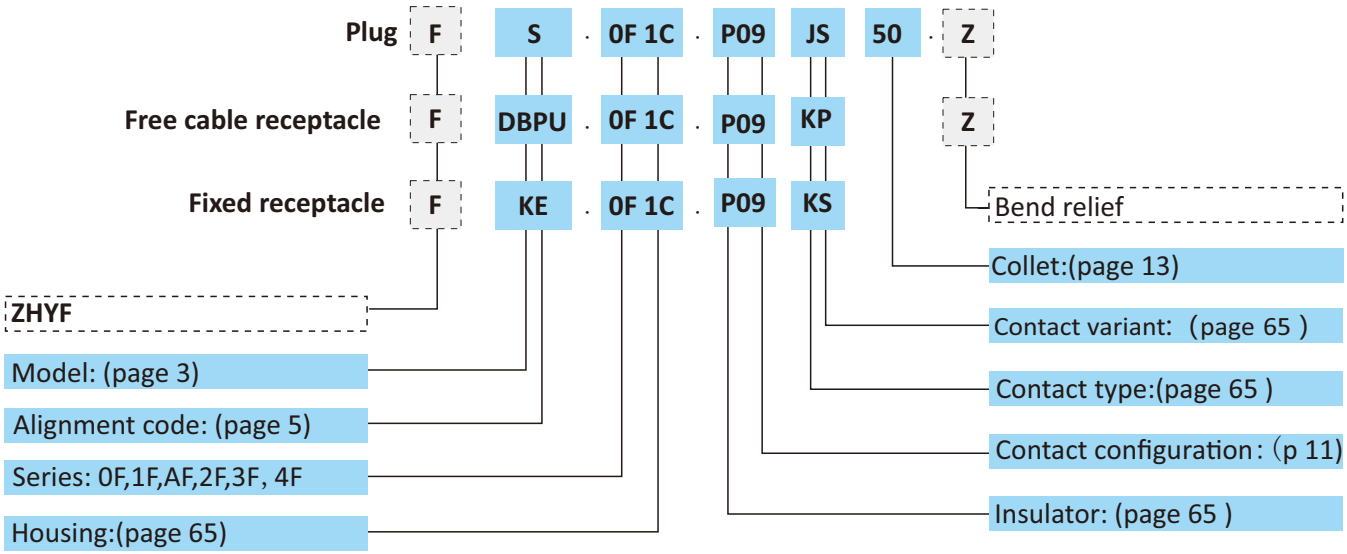
K/KE

KS/KSE



PGX (OEM)

Part numbering system



Part No.Example

Straight plug with cable collet

F-S.0F1C.P09JS50Z = straight plug, 0F series, code 1, multpole type with 9 contacts, outer shell in natural chrome.plated brass, PPS insulator, male solder contacts, collet for 4.2.5.0 mm diameter cable with a black colour bend relief, IP68.

Fixed receptacle

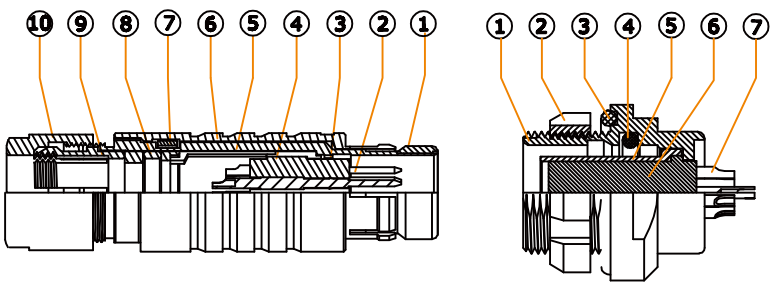
F–DBPU.0F1C.P09KP = fixed socket, nut fixing, 0F series, code1, mulupole type with 9 contacts,outer shell in natural chrome plated brass, PPS insulator, female PCB contacts,IP68.

Free cable mount receptacle

F–KE.0F1C.P09.KS50 = free Cable receptacle ,0F series, code1 multpole type with 9 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts, collet for 4.2.5.0 mm diameter cable ,IP68.

Part Secton Showing Internal Components

Straight receptacle
① latch sleeve
② male contact
③ insulator
④ fixed spacer
⑤ inner shell
⑥ outer shell
⑦ gasket
⑧ retaining ring
⑨ collet
⑩ collet nut



Fixed socket
① outer shell
② hexagonal nut
③ outer o.ring
④ inside o.ring
⑤ retaining ring
⑥ insulator
⑦ female contact

Technical Characteristcs Mechanical and Climatical

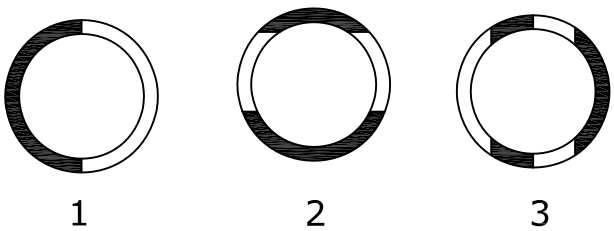
Characteristcs	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Upto95%at60°	
Temperature range	-55°C， +250°C	
Resistance to vibraton	10-2000Hz,15g	IEC 60512-4 test 6d.
Shock resistance	100g, 6ms	IEC 60512-4 test 6c.
Salt spray corrosion test	>72h	IEC 60512-6 test 11f.
Protecton index (mated)	IP68	IEC 60529
Climatcal category	55/175/21	IEC 60068-1

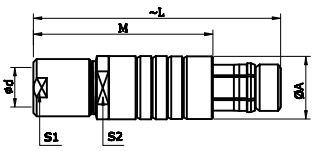
Electrical

Characteristcs		Value	Standard
Shielding efficiency	at 10 MHZ	>95 dB	IEC 60619-1-3
	at 1 GHz	>80 dB	IEC 60619-1-3

Alignment Key and Polarized Keying System

Code 1 is standard, if for other codes, please specify.

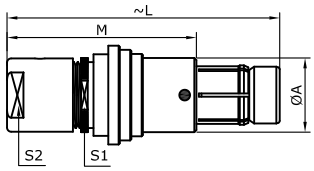




F-S Cable Mount Plug,
Code (1,2,3,) Cable collet

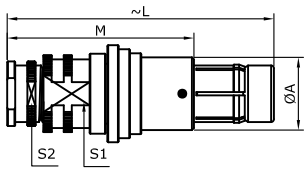
Reference		Dimensions(mm)						
Model	Series	A	M	L	d max shielded clamp	d max sealed clamp	S1	S2
F-S	0F	9.4	26	37.2	4.7	4.3	8	8
F-S	1F	12	34	45	6.7	6.2	9	10
F-S	AF	13	36	46	7.2	6.7	12	11
F-S	2F	15	36	48	8.7	8.7	13	13

Please contact us for additional information about 3F&4F Series



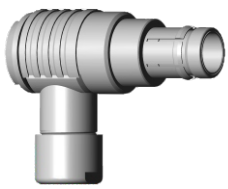
F-SS Cable Mount Short Plug, Code (1, 2, 3,)
Round nut

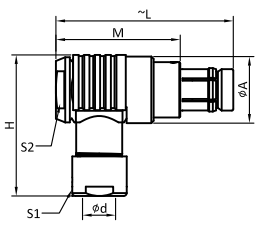
Reference		Dimensions(mm)						
Model	Series	A	L	M	d max shielded clamp	d max sealed clamp	S1	S2
F-SS	0F	9	33	23	4.7	4.3	8	7
F-SS	1F	12	37	26	6.7	6.2	11	12
F-SS	AF	12.3	40	30	7.2	6.7	11.5	12
F-SS	2F	15	43	31	8.7	8.7	13	13



F-SS Cable Mount Short Plug, Code (1, 2, 3,)
can make cable assembly by overmoulding

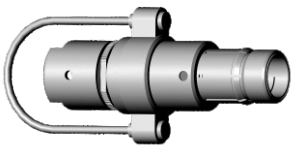
Reference		Dimensions(mm)						
Model	Series	A	L	M	d max shielded clamp	d max sealed clamp	S1	S2
F-SS	0F	9	33	23	4.7	4.3	8	7
F-SS	1F	12	37	26	6.7	6.2	11	10
F-SS	AF	12.3	33	23	7.2	6.7	11	10
F-SS	2F	15	39	27	8.7	8.7	13	12

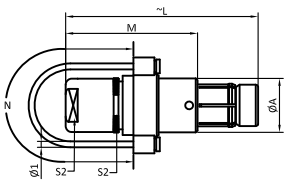




F-WSO Elbow Right-angle Cable Mount Plug,
Code (1, 2, 3,)

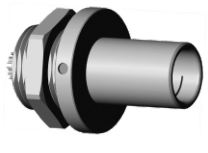
Reference		Dimensions(mm)							
Model	Series	A	L	M	H	d max shielded clamp	d max sealed clamp	S1	S2
F-WSO	0F	12	33	23	25	4.7	4.3	7	8
F-WSO	1F	15	38	28.7	31	6.7	6.2	10	11
F-WSO	AF	17	40	30	33	7.2	6.7	12	12
F-WSO	2F	19	45	33	37	8.7	8.7	13	14

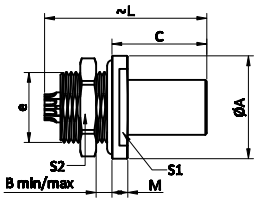




F-SA Cable Mount Plug with lanyard,
Code (1,2,3)

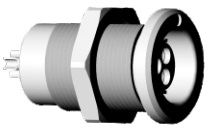
Reference		Dimensions(mm)							
Model	Series	A	L	M	N	d max shielded clamp	d max sealed clamp	S1	S2
F-SA	0F	9	33	23	60	4.7	4.3	8	8
F-SA	1F	12	37	26	80	6.7	6.2	11	12
F-SA	AF	12.3	40	30	80	7.2	6.7	11.5	12
F-SA	2F	15	43	31	100	8.7	8.7	13	13

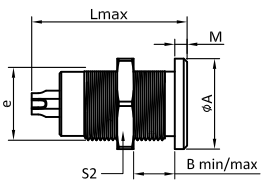




F-SFE Fixed Sealed Panel Mount Plug, Code (1, 2, 3,)

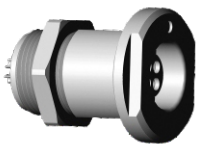
Reference		Dimensions(mm)							
Model	Series	A	B	C	e	L	M	S1	S2
F-FAA	0F	13	0/2.5	13.0	M9*0.5	21	3.0	11	11
F-FAA	1F	17	0/5.0	14.0	M12*1.0	26	3.0	14	14
F-FAA	AF	19	0/4.0	13.7	M14*1.0	26.5	3.7	17	14
F-FAA	2F	22	0/7.5	15.0	M16*1.0	28	3.0	19	19

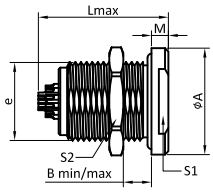




F-D Panel Mount Receptacle,
Nut fixing Code (1, 2, 3)

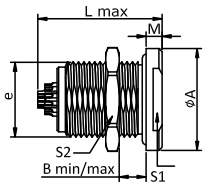
Reference		Dimensions(mm)					
Model	Series	A	B	e	L	M	S2
F-D	0F	11	0/9	M9*0.5	18.9	1.5	11
F-D	1F	14	0/8	M12*1.0	23.9	1.5	14
F-D	AF	16	0/10	M14*1.0	23.3	2	17
F-D	2F	19	0/11	M15*1.0	25.8	2.2	17





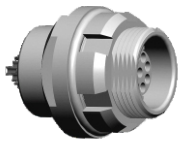
F-DEE Hermetc Panel Mount Receptacle,
Nut fixing, Code (1, 2, 3)

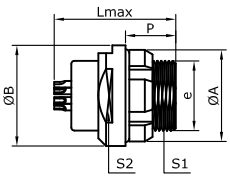
Reference		Dimensions(mm)						
Model	Series	A	B	e	L	M	S1	S2
F-DEE	0F	14	8/10	M9*0.5	20	2.5	11	11
F-DEE	1F	18	0/12	M14*1.0	23.9	3.0	14	17
F-DEE	AF	19	0/12	M14*1.0	23.3	3.0	15	17
F-DEE	2F	20	0/13	M16*1.0	25.8	4.0	17	19



F-DEU Sealed Panel Mount Receptacle,
Nut fixing, Code (1, 2, 3)

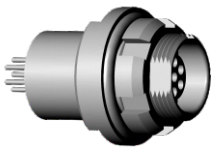
Reference		Dimensions(mm)						
Model	Series	A	B	e	L	M	S1	S2
F-DEE	0F	14	8/10	M9*0.5	20	2.5	11	11
F-DEE	1F	18	0/12	M14*1.0	23.9	3.0	14	17
F-DEE	AF	19	0/12	M14*1.0	23.3	3.0	15	17
F-DEE	2F	20	0/13	M16*1.0	25.8	4.0	17	19

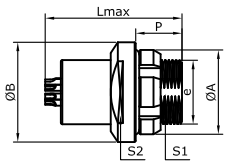




F-FGX Sealed Panel Mount Receptacle,
Code (1, 2, 3,) , only for 0F series

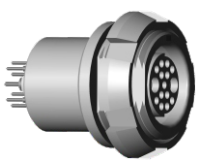
Reference		Dimensions(mm)						
Model	Series	A	B	e	L	P	S1	S2
F-FGX	0F	12	13	M9*9.5	15.7	6.5	8.2	11

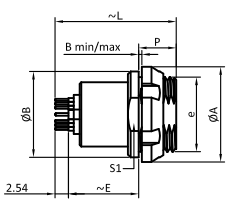




F-DBPU Sealed Panel Mount Receptacle,
Code (1, 2, 3,)

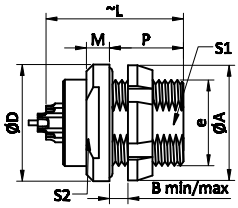
Reference		Dimensions(mm)						
Model	Series	A	B	e	L	P	S1	S2
F-DBPU	0F	12	14	M9*0.5	19.2	6.5	8.2	11
F-DBPU	1F	18	18	M14*1.0	24.8	8	12.5	15
F-DBPU	AF	18	19	M14*1.0	23.1	7	12	15
F-DBPU	2F	20.8	21	M14*1.0	24.2	8	14.3	16





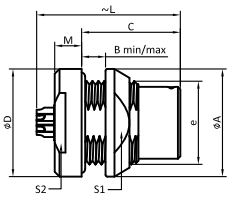
F-FG7 Fixed Sealed Panel Mount Receptacle,
Traxcial connector, Code (1, 2, 3,)
in solder or pcb type

Reference		Dimensions(mm)						
Model	Series	A	B	P	E	e	L	S1
F-FG7	0F	12	0/3.5	6.5	10	M9*0.5	20	10
F-FG7	1F	15	0/4.0	8.0	12	M12*1.0	23	–
F-FG7	AF	18	0/3.0	7.0	13	M14*1.0	23	–
F-FG7	2F	16	0/5.0	9.0	11.5	M15*1.0	26	–



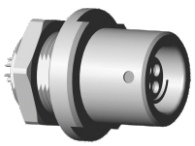
F-FGS Sealed Panel Mount Receptacle,
Code(1,2,3), only for AF series

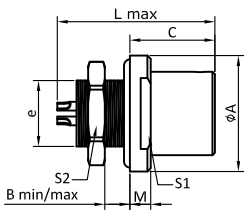
Reference		Dimensions(mm)								
Model	Series	A	B	e	D	L	P	M	S1	S2
F-FGS	AF	18	0/8	M14*1	19	23.1	12	3.7	12	15



F-DBPLU Fixed Sealed Front Mount Receptacle,
Code (1, 2, 3,)in solder or pcb type

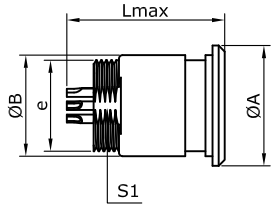
Reference		Dimensions(mm)								
Model	Series	A	B	C	e	L	D	M	S1	S2
F-DBPLU	0F	13	0/4.5	10	M10*0.5	17	14	3.5	11	11
F-DBPLU	1F	28	0.5.0	17.5	M14*1.0	24	18	4.5	15	15
F-DBPLU	AF	20	0/5.5	16.5	M15*1.0	23	19	4.5	17	15
F-DBPLU	2F	20	0/6.5	17	M16*1.0	27	22	5.0	17	17





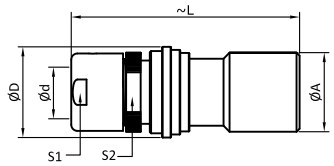
F-DB Front Panel Mount Receptacle,
Code (1, 2, 3,)

Reference		Dimensions(mm)							
Model	Series	A	B	C	e	L	M	S1	S2
F-DB	0F	11	0/3.5	10.2	M9*0.5	20	2.5	11	11
F-DB	1F	14	0/4.0	13.0	M14*1.0	23.9	3.0	14	14
F-DB	AF	19	0/4.0	12.0	M14*1.0	23.3	3.0	15	14
F-DB	2F	21.8	0/3.5	16.0	M16*1.0	25.8	4.0	17	19



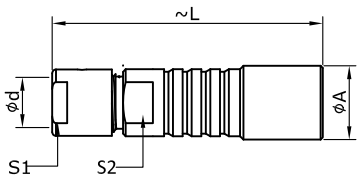
F-PGX Cable Mount Receptacle,
Code (1, 2, 3,) IP68, only used by overmoulding

Reference		Dimensions(mm)				
Model	Series	A	B	e	L	S1
F-PGX	0F	12	10	M9*0.5	15.5	8.2
F-PGX	1F	16	14	M12*0.6	24.8	9.0
F-PGX	AF	16	14	M12*0.6	23.1	10
F-PGX	2F	18	16	M14*0.6	24.2	12



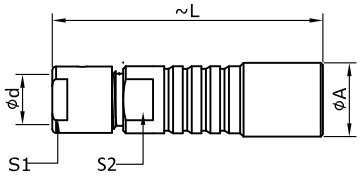
F-KSE Short Sealed Cable Mount Receptacle,
Code (1, 2, 3,)

Reference		Dimensions(mm)					
Model	Series	A	L	M	d max	S1	S2
F-KSE	0F	10	32	23	3.8	8	8
F-KSE	1F	13	37	26	6.0	11	12
F-KSE	AF	13.5	36	30	6.2	11.5	12
F-KSE	2F	16	45	31	8.0	13	13



F-K Cable Mount Receptacle,
Code (1, 2, 3), Cable collet

Reference		Dimensions(mm)					
Model	Series	A	L	d max		S1	S2
				shielded clamp	sealed clamp		
F-K	0F	10	36	4.7	4.3	7	7
F-K	1F	13	43	6.7	6.2	10	10
F-K	AF	13.5	45	7.2	6.7	12	11
F-K	2F	16	48	8.7	8.7	13	12

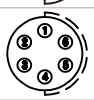
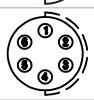


F-KE Cable Sealed Mount Receptacle,
Code (1, 2, 3), Cable collet,

Reference		Dimensions(mm)					
Model	Series	A	L	d max		S1	S2
				shielded clamp	sealed clamp		
F-KE	0F	10	36	4.7	4.3	7	7
F-K E	1F	13	43	6.7	6.2	10	10
F-K E	AF	13.5	45	7.2	6.7	12	11
F-K E	2F	16	48	8.7	8.7	13	12

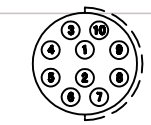
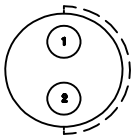
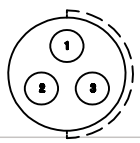
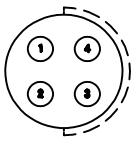
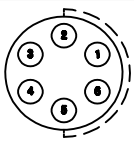
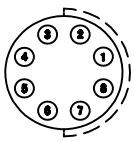
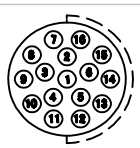
ZHYF

Multpole layout

			Code	Contact No.	φA(MM)	Solder contact	PCB straight contact	PCB elbow contact	Test voltage(contact -shell)k/v AC-rms	Test voltage(contact -contact)k/v AC-rms	Rated current /A
0F			P02	2	0.9	●	●	●	1.30	1.05	10.0
			P03	3	0.9	●	●	●	1.20	0.90	8.0
			P04	4	0.7	●	●	●	0.85	0.70	7.0
			P05	5	0.7	●	●	●	1.00	0.70	6.5
			P07	7	0.5	●	●	●	0.80	0.70	2.5
			P09	9	0.5	●	●	●	0.60	0.50	2.0
1F			P02	2	1.3	●	●	●	1.50	1.35	15.0
			P03	3	1.3	●	●	●	1.30	1.55	12.0
			P04	4	0.9	●	●	●	1.35	1.45	10.0
			P05	5	0.9	●	●	●	1.25	1.15	9.0
			P06	6	0.7	●	●	●	1.05	1.2	7.0
			P07	7	0.7	●	●	●	0.95	1.05	7.0
			P08	8	0.7	●	●	●	0.95	1.15	5.0
			P10	10	0.5	●	●	●	0.90	1.50	2.5
			P12	12	0.5	●	●	●	0.80	1.2	2.0
			P16	16	0.5	●	●	●	0.80	1.25	1.5

● First choice alternatve
○ Special order alteratve

Multpole layout

		Code	Contact No.	φA(MM)	Solder contact	PCB straight contact	PCB elbow contact	Test voltage(contact -shell)k/v AC-rms	Test voltage(contact -contact)k/v AC-rms	Rated current /A
AF		P10	10	0.7	●	●	●	1.40	1.50	4.5
		P12	12	0.5	●	●	●	1.40	1.50	4.2
		P15	2 13	1.3 0.5	●	●	●	1.50 1.20	1.35 0.90	12 2.5
		P19	19	0.5	●	●	●	1.20	0.90	2.5
2F		P02	2	1.6	●	○	○	1.80	2.20	20
		P03	3	1.6	●	○	○	1.6	2.0	18.0
		P04	4	1.3	●	○	○	1.80	2.20	12.0
		P06	6	0.9	●	○	○	1.7	2.0	6.5
		P08	8	0.9	●	○	○	1.50	1.50	6.20
		P16	16	0.7	●	○	○	1.0	1.50	4.0
		P19	19	0.7	●	○	○	0.80	1.20	3.50

● First choice alternatve
○ Special order alteratve

Please contact us for additional information about 3F&4F Series

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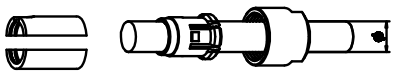
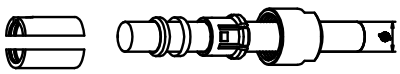
F series Cable collet

F-0F-S



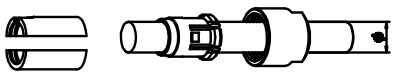
Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
1.5 - 2.1	2.1	F-0F-S-021	3.6 - 4.1	4.1	F-0F-S-041
2.1 - 2.6	2.6	F-0F-S-026	4.1 - 4.3	4.3	F-0F-S-043
2.6 - 3.1	3.1	F-0F-S-031	4.3 - 4.7	4.7	F-0F-S-047
3.1 - 3.6	3.6	F-0F-S-036			

F-0F-E



Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
1.5 - 2.1	2.1	F-0F-S-021	3.6 - 3.6	3.6	F-0F-S-036
2.1 - 2.6	2.6	F-0F-S-026	3.6-4.1	4.1	F-0F-S-042
2.6 - 3.1	3.1	F-0F-S-031	4.1-4.3	4.3	F-0F-S-043

F-1F-S



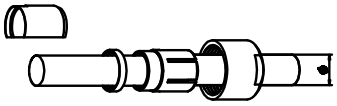
Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator
1.7-2.2	2.2	F-1F-S-021	4.2-4.7	4.7	F-1F-S-047
2.2-2.7	2.7	F-1F-S-026	4.7-5.2	5.2	F-1F-S-052
2.7-3.2	3.2	F-1F-S-031	5.2-5.7	5.7	F-1F-S-057
3.2-3.7	3.7	F-1F-S-036	5.7-6.2	6.2	F-1F-S-062
3.7-4.2	4.2	F-1F-S-036	6.2-6.7	6.7	F-1F-S-067

F-1F-E

Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator
1.7-2.2	2.2	F-1F-E-021	4.2-4.7	4.7	F-1F-E-047
2.2-2.7	2.7	F-1F-E-026	4.7-5.2	5.2	F-1F-E-052
2.7-3.2	3.2	F-1F-E-031	5.2-5.7	5.7	F-1F-E-057
3.2-3.7	3.7	F-1F-E-036	5.7-6.2	6.2	F-1F-E-062
3.7-4.2	4.2	F-1F-E-036			

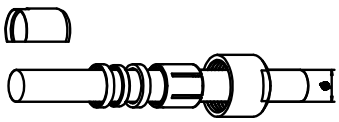
F series Cable collet

F-AF-S



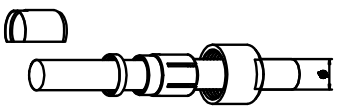
Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
2.2-2.7	2.7	F-AF-S-027	4.7-5.2	4.7	F-AF-S-047
2.7-3.2	3.2	F-AF-S-032	5.2-5.7	5.7	F-AF-S-057
3.2-3.7	3.7	F-AF-S-037	5.7-6.2	6.2	F-AF-S-062
3.7-4.2	4.2	F-AF-S-042	6.2-6.7	6.7	F-AF-S-067
4.2-4.7	4.7	F-AF-S-047	6.7-7.2	7.2	F-AF-S-072

F-AF-E



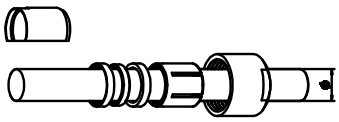
Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
2.2-2.7	2.7	F-AF-E-027	4.7-5.2	4.7	F-AF-E-047
2.7-3.2	3.2	F-AF-E-032	5.2-5.7	5.7	F-AF-E-057
3.2-3.7	3.7	F-AF-E-037	5.7-6.2	6.2	F-AF-E-062
3.7-4.2	4.2	F-AF-E-042	6.2-6.7	6.7	F-AF-E-067
4.2-4.7	4.7	F-AF-E-047			

F-2F-S



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator		Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	
		Plug	Receptacle			Plug	Receptacle
2.9-4.0	4.0	F-2F-S-040	F-AF-S-032	5.7-6.7	6.7	F-2F-S-067	F-2F-S-067
4.0-4.7	4.7	F-2F-S-047	F-AF-S-037	6.7-7.7	7.7	F-2F-S-077	F-2F-S-077
4.7-5.7	5.7	F-2F-S-057	F-AF-S-042	7.7-8.7	8.7	F-2F-S-087	F-2F-S-087
				8.7-9.1	9.1	F-2F-S-091	F-2F-E-091

F-2F-E



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator		Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	
		Plug	Receptacle			Plug	Receptacle
2.9-4.0	4.0	F-2F-E-040	F-AF-E-032	5.7-6.7	6.7	F-2F-E-067	F-2F-E-067
4.0-4.7	4.7	F-2F-E-047	F-AF-E-037	6.7-7.7	7.7	F-2F-E-077	F-2F-E-077
4.7-5.7	5.7	F-2F-E-057	F-AF-E-042	7.7-8.7	8.7	F-2F-E-087	F-2F-E-087

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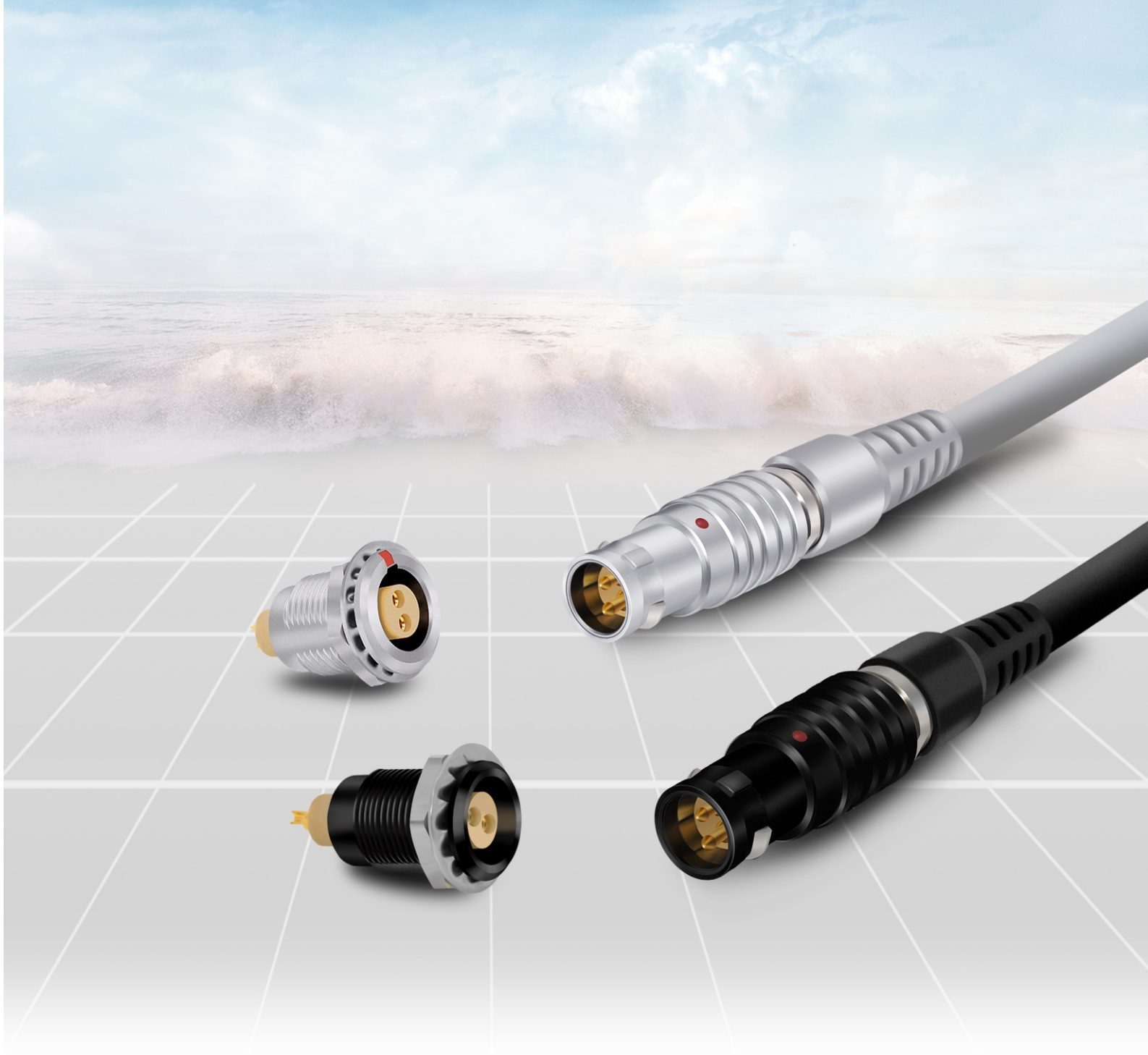


B Series

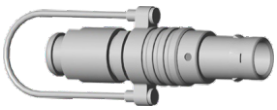
Metal Circular Push-pull Self-latching Connectors

B series

Plugs

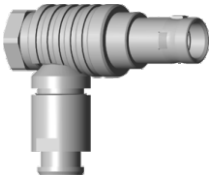
FEG

FFG



FNG

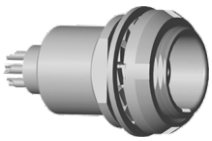
FGG



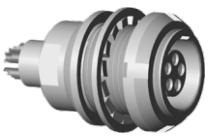
FHG

Receptacles

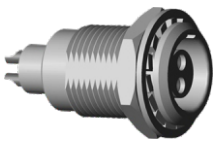
ECG



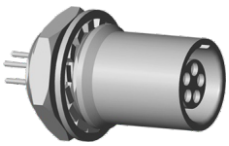
EEG



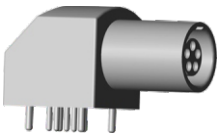
EFG



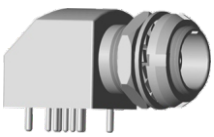
EGG



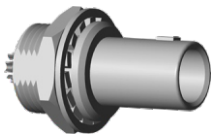
EHG



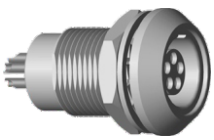
EPG



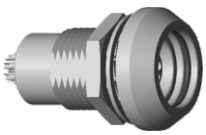
EXG



FAG

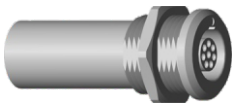


HGG



HHG

HEG

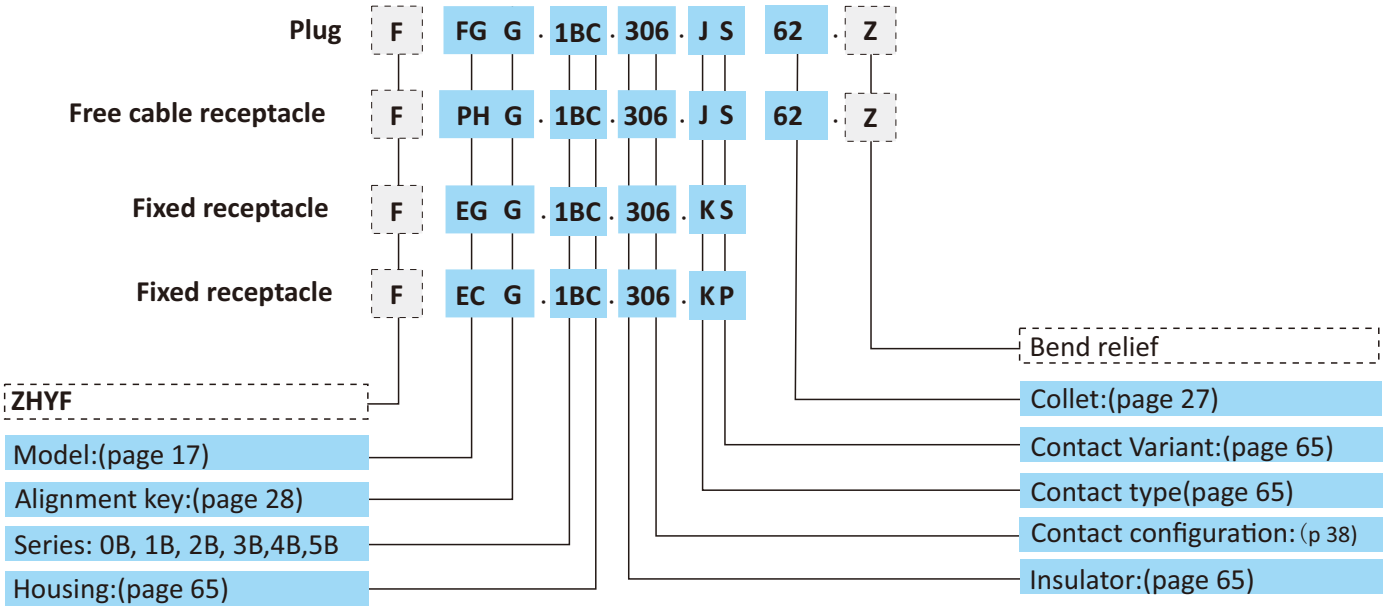


RGG

PFG

PHG

Part Numbering System



Part Number Example

Straight plug with cable collet

F−FGG.1BC.306.JS62Z = straight plug with key (G) and cable collet, 1B series, multpole type with 5 contacts, outer shell in natural chrome-plated brass, PPS insulator, male solder contacts, collet for 5.2.6.2mm diameter cable, nut for fitting a bend relief.

Free cable mount receptacle

F−PHG.1BC.306.KS62 = free cable receptacle with key (G) and cable collet, 1B series, multpole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts, collet for 5.2.6.2 mm diameter cable.

Fixed receptacle

F−EGG.1BC.306.KS= fixed receptacle, nut fixing, with key (G), 1B series, mulupole type with 6 contacts, outer shell in natural chrome−plated brass, PPS insulator, female contacts.

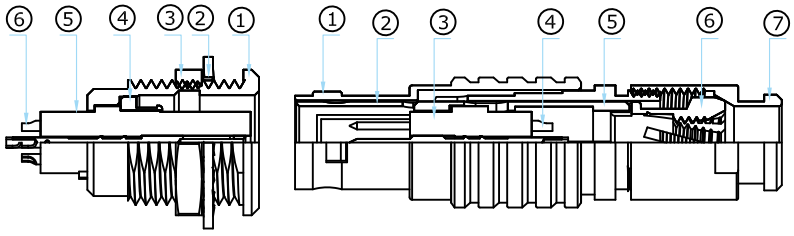
Fixed receptacle

F−ECG.1BC.306.KP= fixed receptacle with two screw nuts, nut fixing, with key (G), 1B series, mulupole type with 6 contacts,outer shell in natural chrome natural.plated brass, PPS insulator, male PCB contacts.

Part Secton Showing Internal Components

Fixed receptacle

① outer shell
② retaining ring
③ hexagonal nut
④ locking washer
⑤ insulator
⑥ female contact



Straight plug

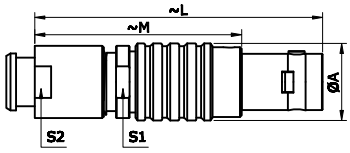
① outer shell
② latch sleeve
③ insulator
④ male contact
⑤ split insert carrier
⑥ collet
⑦ collet nut

Technical Characteristcs Mechanical and Climatical

Characteristcs	Value	Standard
Endurance	›5000cycles	IEC60512-5test9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C， +250°C	
Resistance to vibraton	10-2000Hz,15g	IEC 60512-4 test 6d.
Shock resistance	100g, 6ms	IEC 60512-4 test 6c.
Salt spray corrosion test	›72h	IEC 60512-6 test 11f.
Protecton index (mated)	IP 50	IEC 60529
Climatcal category	55/175/21	IEC 60068-1

Electrical

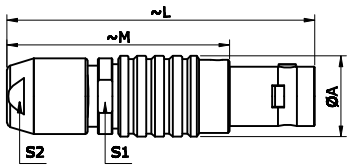
Characteristcs		Value	Standard
Shielding efficiency	at 10 MHZ	›75 dB	IEC 60619-1-3
	at 1 GHZ	›40 dB	IEC 60619-1-3



F-FGG Cable Mount Straight Plug, Key(G) or other keys (A...M) cable collet and nut for fittinng a bend relief

Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
F-FGG	00	6.4	28.5	20	5.5	6.0
F-FGG	0B	9.5	35.0	25.0	8.0	8.0
F-FGG	1B	12.0	42.0	31.0	10.0	9.0
F-FGG	2B	15.0	49.0	37.0	13.0	12.0
F-FGG	3B	18.0	58.5	43.5	15.0	15.0

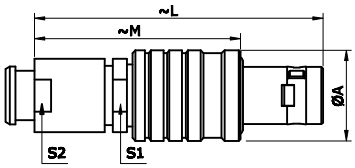
Please contact us for additional information about 4B&5B Series



F-FGG Cable Mount Straight Plug, Key(G) or other keys (A...M) cable collet

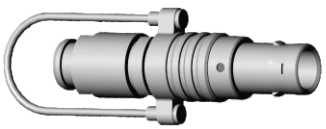
Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
F-FGG	00	6.4	28.5	20.5	5.5	5.0
F-FGG	0B	9.5	36.0	26.0	8.0	7.0
F-FGG	1B	12.0	43.0	32.0	10.0	9.0
F-FGG	2B	15.0	50.0	38.0	13.0	12.0
F-FGG	3B	18.0	58.0	43.0	15.0	14.0

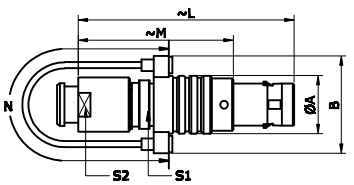
Please contact us for additional information about 4B&5B Series



F-FEG Cable Mount Sealed Straight Plug, front sealed, Key(G) or other keys (A...M) cable collet and nut for fitting a bend relief

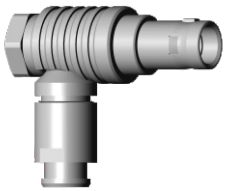
Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
F-FEG	0B	11.0	35.0	25.0	8.0	8.0
F-FEG	1B	13.5	42.0	33.0	10.0	9.0
F-FEG	2B	16.5	48.0	36.0	13.0	12.0
F-FEG	3B	19.0	56.0	41.5	15.0	15.0

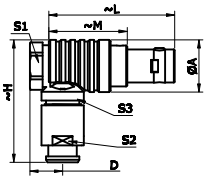




F-FNG Cable Mount Straight Plug, Key(G) or other keys (A...M) cable collet and lanyard release

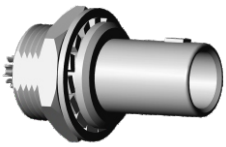
Reference		Dimensions(mm)						
Model	Series	A	B	L	M	N	S1	S2
F-FNG	0B	9.5	15.95	34.62	24.3	140	8.0	8.0
F-FNG	1B	12.0	18.0	43.0	32.0	140	10.0	9.0
F-FNG	2B	15.0	21.0	49.0	37.0	160	13.0	12.0
F-FNG	3B	18.0	25.0	58.0	43.0	190	15.0	14.0

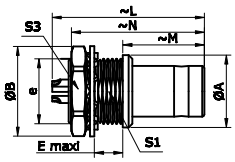




F-FHG Cable Mounted Elbow Plug, 90°,
key (G) or keys(A,B,,,M and R),
Cable Collet

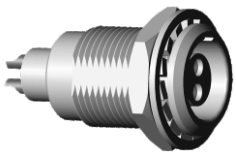
Reference		Dimensions(mm)							
Model	Series	A	D	H	L	M	S1	S2	S3
F-FHG	0B	11.0	6.5	23.5	26.5	16.5	10.0	7.0	8.0
F-FHG	1B	13.5	8.0	30.5	36.0	25.0	11.0	9.0	10.0
F-FHG	2B	16.5	9.0	40.0	37.7	25.6	14.0	12.0	13.0
F-FHG	3B	19.0	10.0	37.0	50.0	35.0	17.0	14.0	15.0

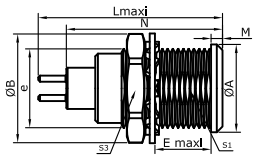




F-FAG Panel Mount fixed Plug . non-latching,
Nut fixing, key (G) or keys(A,B,,,M and R), Cable Collet

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-FAG	0B	10.0	12.4	M9*0.6	4.2	20.8	11.5	18.9	8.2	11.0
F-FAG	1B	14.0	15.8	M12*1.0	5.4	25.2	12.5	21.6	10.5	14.0
F-FAG	2B	18.0	19.2	M15*1.0	6.0	28.7	13.8	23.9	13.5	17.0
F-FAG	3B	22.0	25.0	M18*1.0	5.8	32.1	17.0	30.2	16.5	22.0

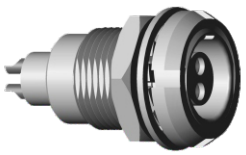


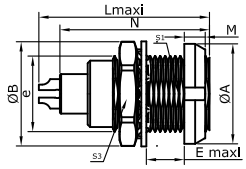


F-EGG Panel Mount Fixed Receptacle,
Nut fixing, key (G) or keys(A,B,,,M and R),

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-EGG	00B	8.0	10.2	M7*0.5	6.0	15.5	1.0	13.7	6.3	9.0
F-EGG	0B	10.0	12.4	M9*0.6	7.0	20.7	1.2	19.1	8.2	11.0
F-EGG	1B	14.0	15.8	M12*1.0	7.5	23.0	1.5	21.1	10.5	14.0
F-EGG	2B	18.0	19.2	M15*1.0	8.5	26.7	1.8	24.6	13.5	17.0
F-EGG	3B	21.8	25.0	M18*1.0	11.5	37.1	2.0	24.6	16.5	22.0

Please contact us for additional information about 4B&5B Series

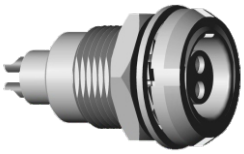


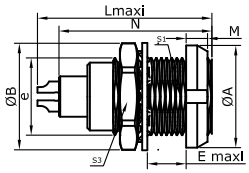


F-ECG Panel Mount Receptacle with two screw nuts,
Key(G) or other keys (A...M), back panel mountng

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-ECG	0B	12.0	12.4	M9*0.6	5.5	20.7	2.5	16.4	8.2	11.0
F-ECG	1B	16.0	15.8	M12*1.0	6.0	23.0	3.5	19.8	10.5	14.0
F-ECG	2B	20.0	19.2	M15*1.0	6.5	26.7	3.5	20.2	13.5	17.0
F-ECG	3B	24.0	25.0	M18*1.0	9.0	30.7	4.5	25.8	16.5	22.0

Please contact us for additional information about 4B&5B Series

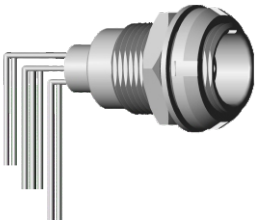


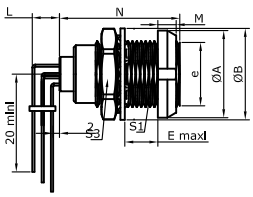


F-ECG Panel Mount Receptacle with two screw nuts, Key(G) or other keys (A...M), straight contact for printed circuit, back panel mountng

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-ECG	0B	12.0	12.4	M9*0.6	5.5	20.7	2.5	16.4	8.2	11.0
F-ECG	1B	16.0	15.8	M12*1.0	6.0	23.0	3.5	19.8	10.5	14.0
F-ECG	2B	20.0	19.2	M15*1.0	6.5	26.7	3.5	21.8	13.5	17.0
F-ECG	3B	24.0	25.0	M18*1.0	9.0	30.7	4.5	25.8	16.5	22.0

Please contact us for additional information about 4B&5B Series

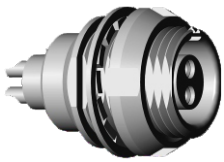


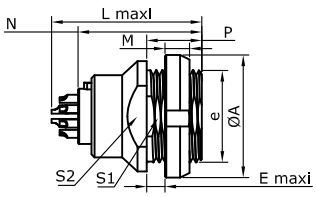


F-ECG Panel Mount Fixed Receptacle with two screw nuts, Key(G) or other keys (A...M) cable collet and elbow 90°contact for princted circuit

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	M	N	S1	S3
F-ECG	0B	12.0	12.4	M9*0.6	5.5	2.5	18.3	8.2	11.0
F-ECG	1B	16.0	15.8	M12*1.0	6.0	3.5	20.3	10.5	14.0
F-ECG	2B	20.0	19.2	M15*1.0	6.5	3.5	22.3	13.5	17.0
F-ECG	3B	24.0	25.0	M18*1.0	9.0	4.5	25.8	16.5	22.0

Please contact us for additional information about 4B&5B Series

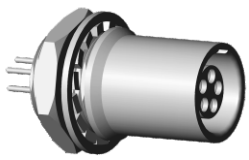


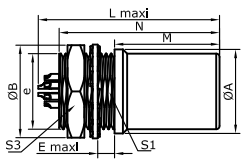


F-EEG Panel Mount Fixed Receptacle, nut fixing, Key(G) or other keys (A...M), back panel mountng

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	P	S1	S2
F-EEG	0B	12.0	12.5	M9*0.6	2.4	20.7	2.5	19.1	6.3	8.2	9.0
F-EEG	1B	16.0	16.0	M12*1.0	6.5	23.0	3.5	21.1	11.0	10.5	13.0
F-EEG	2B	20.0	20.0	M15*1.0	3.0	26.7	3.5	24.6	9.0	13.5	15.0

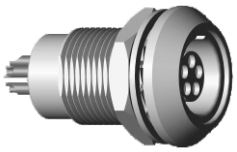
Please contact us for additional information about 4B&5B Series

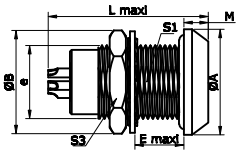




F-EHG Panel Mount Fixed Receptacles, nut fixing, ey(G) or other keys (A...M) and protruding shell

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-EHG	0B	10.0	12.4	M9*0.6	2.0	19.5	12.5	19.1	8.2	11.0
F-EHG	1B	14.0	15.8	M12*1.0	4.0	21.7	12.0	21.1	10.5	14.0
F-EHG	2B	18.0	19.2	M15*1.0	5.1	22.7	12.5	24.6	13.5	17.0

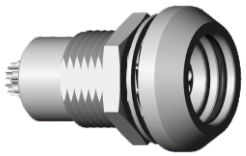


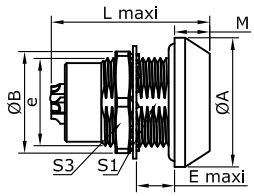


F-HGG Panel Mount Seales Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M),

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	L	M	S1	S3
F-HGG	0B	13.0	12.4	M9*0.6	7.0	21.5	3.0	8.2	11.0
F-HGG	1B	18.0	15.8	M12*1.0	7.0	26.6	4.5	10.5	14.0
F-HGG	2B	20.0	19.2	M15*1.0	8.0	31.6	4.0	13.5	17.0

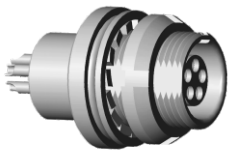
Please contact us for additional information about 4B&5B Series

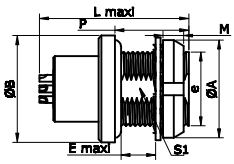




F-HHG Panel Mounted Sealed Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M),

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	L	M	S1	S3
F-HHG	0B	13.0	12.4	M9*0.6	7.0	23.2	4.8	8.2	11.0
F-HHG	1B	18.0	15.8	M12*1.0	7.0	30.3	5.2	10.5	14.0
F-HHG	2B	20.0	19.2	M15*1.0	8.0	35.6	6.0	13.5	17.0

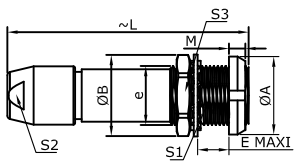




F-HEG Panel Mount Sealed Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M),
back panel mountng

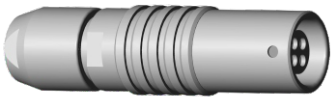
Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	P	S1	S3
F-HEG	0B	12.0	13.0	M9*0.6	2.5	20.2	2.5	9.0	8.2	–
F-HEG	1B	16.0	18.0	M12*1.0	5.5	26.6	3.5	11.0	10.5	–
F-HEG	2B	20.0	20.0	M15*1.0	6.5	31.6	3.5	9.6	13.5	15.0

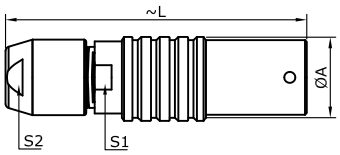
Please contact us for additional information about 4B&5B Series



F-PFG Panel Mount Cable Receptacle, nut fixing,
Key(G) or other keys (A...M),
cable collet, back panel mountng

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
F-PFG	0B	12.0	12.4	M9*0.6	5.0	35.5	2.5	8.2	7.0	11.0
F-PFG	1B	16.0	15.8	M12*1.0	5.0	40.7	3.5	10.5	9.0	14.0
F-PFG	2B	20.0	19.2	M15*1.0	6.5	47.0	3.5	13.5	12.0	17.0
F-PFG	3B	24.0	25.0	M18*1.0	9.0	56.0	4.5	16.5	14.0	22.0

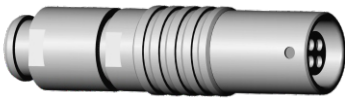


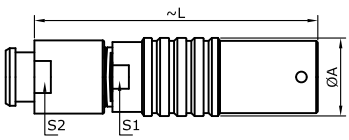


F-PHG Cable Mount Receptacle, Key(G) or other keys (A...M), cable collet

Reference		Dimensions(mm)			
Model	Series	A	L	S1	S2
F-PHG	0B	9.5	35.5	8.0	7.0
F-PHG	1B	12.5	40.5	10.0	9.0
F-PHG	2B	16.5	47.0	13.0	12.0
F-PHG	3B	19.0	56.0	15.0	14.0

Please contact us for additional information about 4B&5B Series

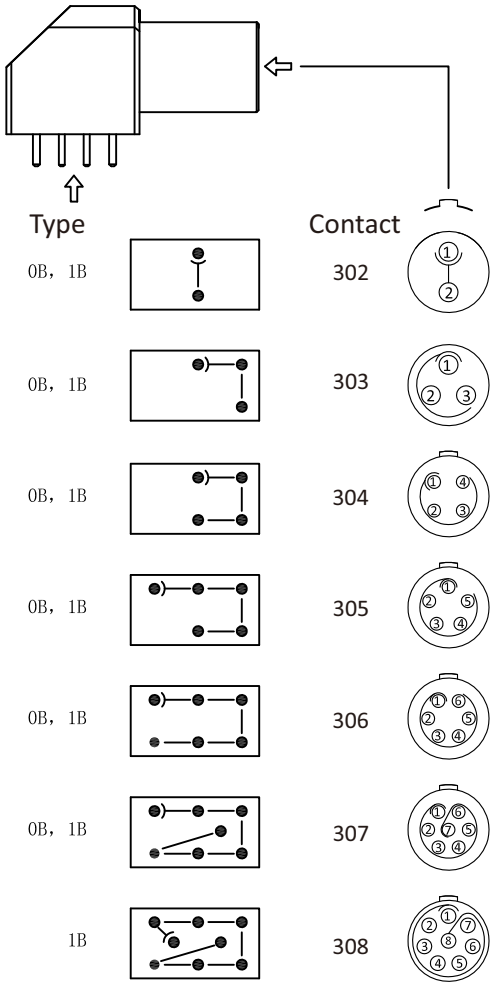




F-PHG Cable Mount Receptacle, Key(G) or other keys (A...M), cable collet and nut for fii ng a bend relief

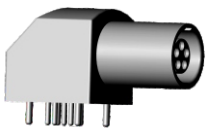
Reference		Dimensions(mm)			
Model	Series	A	L	S1	S2
F-PHG	0B	9.5	35.5	8.0	8.0
F-PHG	1B	12.5	40.5	10.0	9.0
F-PHG	2B	16.5	47.0	13.0	12.0
F-PHG	3B	19.0	56	15.0	14.0

Technical Characteristcs

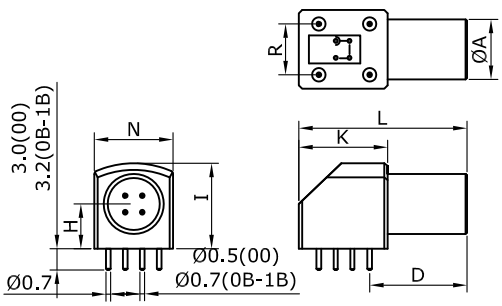


Electrical

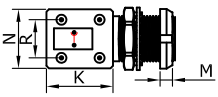
Model	Shell Size	Contact No.	Test voltage (contact - shell)K/v	Test voltage (contact - shell)K/v	Rated current /A
F-EPG-EXG	0B	302	1.45	1.20	4.5
F-EPG-EXG	0B	303	1.70	1.60	4.5
F-EPG-EXG	0B	304	1.30	1.10	4.5
F-EPG-EXG	0B	305	1.25	1.20	4.5
F-EPG-EXG	0B	306	1.25	1.20	2.5
F-EPG-EXG	0B	307	1.00	1.20	2.0
F-EPG-EXG	1B	302	1.70	1.45	4.5
F-EPG-EXG	1B	303	1.60	1.85	4.5
F-EPG-EXG	1B	304	1.70	1.80	4.5
F-EPG-EXG	1B	305	1.30	1.55	4.5
F-EPG-EXG	1B	306	1.35	1.45	4.5
F-EPG-EXG	1B	307	1.45	1.45	2.0
F-EPG-EXG	1B	308	1.30	1.30	2.0
F-EPG	1B	314	1.00	1.30	1.0

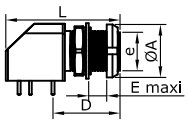


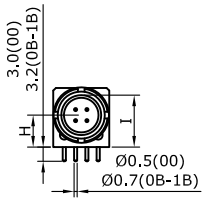
F-EPG Elbow (90°) Receptacle for printed circuit, key (G) or keys(A..F) (solder or screw fixing)



	Dimensions(mm)							
Model	A	D	H	I	K	L	N	R
F-EPG-0BC-302KP	9.0	14.6	6.7	12.6	13.3	25.0	11.7	7.62
F-EPG-0BC-303KP								
F-EPG-0BC-304KP								
F-EPG-0BC-305KP								
F-EPG-0BC-306KP								
F-EPG-0BC-307KP								
F-EPG-1BC-302KP	11.0	16.6	7.5	14.0	13.3	27.0	12.6	7.62
F-EPG-1BC-303KP								
F-EPG-1BC-304KP								
F-EPG-1BC-305KP								
F-EPG-1BC-306KP								
F-EPG-1BC-307KP								
F-EPG-1BC-308KP								



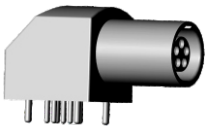


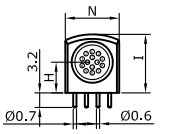


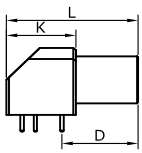
F-EXG Elbow (90°) Receptacle for printed circuit, key (G) or keys(A..F)

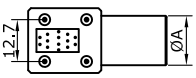
(solder or screw fixing) back panel mounnng

	Dimensions(mm)												
Model	A	B	D	e	E	H	I	K	L	M	N	R	S3
F-EXG-0BC-302KP	12	12.4	14.6	M9 * 0.6	6	6.7	12.6	13.3	25	2.5	11.7	7.62	11
F-EXG-0BC-303KP													
F-EXG-0BC-304KP													
F-EXG-0BC-305KP													
F-EXG-0BC-306KP													
F-EXG-0BC-307KP													
F-EXG-1BC-302KP	14	15	16.6	M11 * 0.5	7.5	7.5	14	13.3	27	3.5	12.6	7.62	13
F-EXG-1BC-303KP													
F-EXG-1BC-304KP													
F-EXG-1BC-305KP													
F-EXG-1BC-306KP													
F-EXG-1BC-307KP													
F-EXG-1BC-308KP													









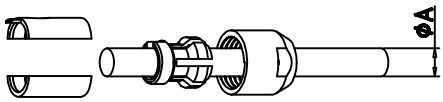
F-EPG Elbow (90°) Receptacle for printed circuit, key (G) or keys(A..F)

(solder or screw fixing)

	Dimensions(mm)						
Model	A	D	H	I	K	L	N
F-EPG-1BC-314KP	11	21	7.7	14.3	19	36	15.4

ZHYF

B series Cable collet



Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-00B-022	22	2.2	–	2.2	1.4
F-CCT-00B-027	27	2.7	–	2.7	>2.2
F-CCT-00B-035	35	3.5	2.8	3.5	>2.7

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-0B-021	21	2.1	–	2.2	1.4
F-CCT-0B-032	32	3.2	–	3.2	>2.2
F-CCT-0B-042	41	4.1	–	4.2	>3.2
F-CCT-0B-052	52	5.2	4.7	5.2	>4.2
F-CCT-0B-056	56	5.6	4.7	5.6	>5.7 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-1B-042	42	4.2	–	4.2	2.5
F-CCT-1B-052	52	5.2	–	5.2	>4.2
F-CCT-1B-062	62	6.2	–	6.2	>5.2
F-CCT-1B-072	72	7.2	6.7	7.2	>6.2
F-CCT-1B-076	76	7.6	6.7	7.5	7.1 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-2B-042	42	4.2	–	4.2	>3.2
F-CCT-2B-052	52	5.2	–	5.2	>4.2
F-CCT-2B-062	62	6.2	–	6.2	>5.2
F-CCT-2B-072	72	7.2	–	7.2	>6.2
F-CCT-2B-082	82	8.2	–	8.2	>7.2
F-CCT-2B-092	92	9.2	8.6	9.2	>8.2
F-CCT-2B-099	99	9.9	8.6	9.7	9.1 ①

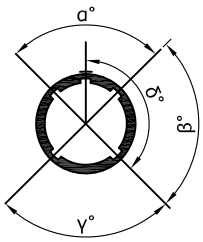
Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-3B-062	62	6.2	–	6.2	4.9
F-CCT-3B-072	72	7.2	–	7.7	>6.2
F-CCT-3B-082	82	8.2	–	8.0	7.1
F-CCT-3B-092	92	9.2	–	9.2	>7.7
F-CCT-3B-100	10	10.2	–	10.7	>9.2
F-CCT-3B-110	11	11.2	10.2	11.0	10.1
F-CCT-3B-120	12	11.9	10.2	11.7	11.1 ①

① This cable collet is only for round cable collet nut, not fit for cable nut with bend relief type.

Alignment key and Polarized Keys（ B series)

B series connector model part numbers are composed of five leeers.
The last leter indicated the key posiion and the contact type (male or female).

Front view of socket



Code	Keys No.	Angles	Series			Code	Keys No.	Angles	Series		Contact Type	
			00	0B	1B				2B	3B	Plug	Receptacle
G	1		0°	0°	0°	G	1		0°	0°	Male	Female
A	2	α	30°	30°	30°	A	2	α	30°	30°	Male	Female
B	2		60°	60°	60°	B	2		45°	45°	Male	Female
C	2		–	90°	90°	C	2		60°	60°	Male	Female
D	2	β	–	135°	135°	D	2	γ	95°	95°	Male	Female
E	2		–	145°	145°	E	2	β	120°	120°	Male	Female
F	2		–	155°	155°	F	2		145°	145°	Male	Female
J	2	γ	45°	45°	45°	J	2	α	37.5°	37.5°	Male	Female
K	2		–	70°	70°	K	2		52.5°	52.5°	Male	Female
L	2		–	80°	80°	L	2	γ	70°	70°	Male	Female
M	2	δ	–	110°	–	M	2	δ	–	–	Male	Female

K series

Metal Waterproof Push-pull Self-latching Connectors

K series

Plugs

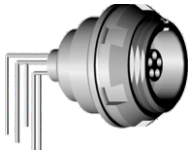
FGG

FGG

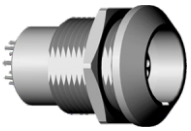
Receptacles

EGG

EEG

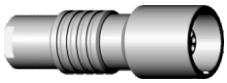


EEG



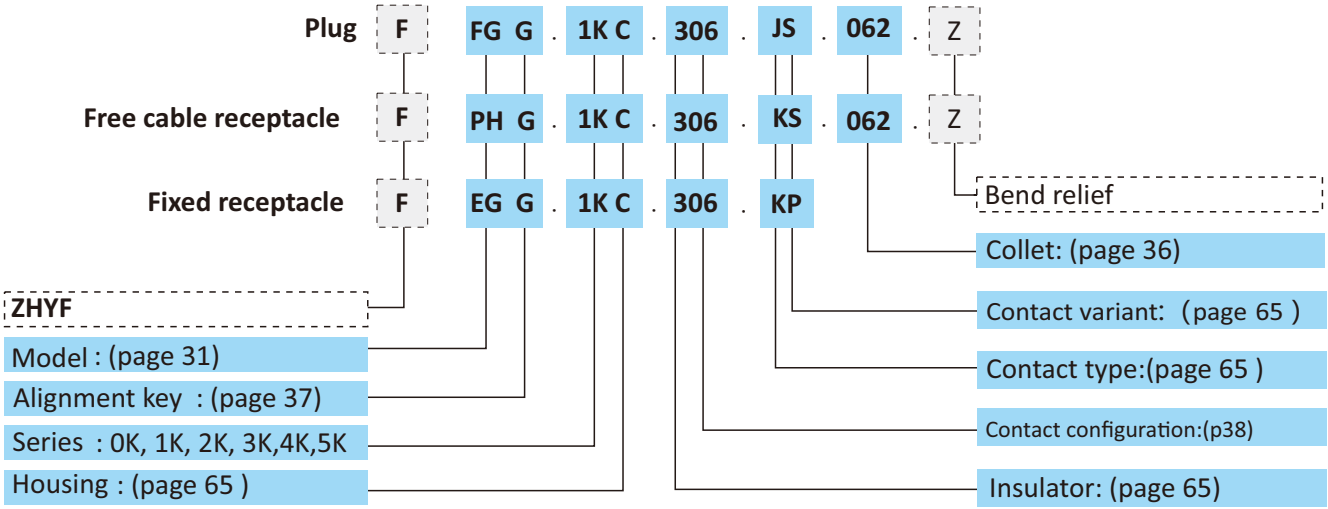
HGG

PHG



PHG

Part Numbering System



Part No.Example

Straight plug with cable collet

F–FGG.1KC.306JS.62Z = straight plug with key (G) and cable collet, 1K series, multpole type with 6 contacts, outer shell in natural chrome.plated brass, PPS insulator, male solder contacts, collet for 5.2.6.2 mm diameter cable with a black colour bend relief..

Free cable receptacle

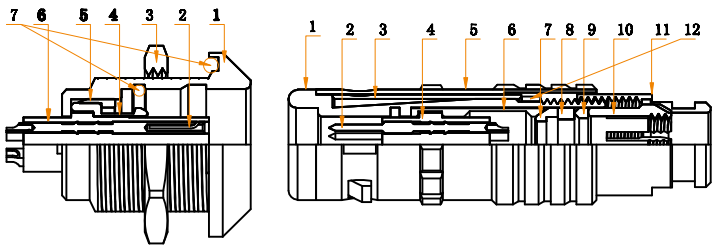
F–PHG.1KC.306.KS62Z = free cable receptacle with key (G) and cable collet, 1K series, multpole type with 6 contacts, outer shell in natural chrome.plated brass, PPS insulator, female solder contacts, collet for 5.2.6.2 mm diameter cable and nut for fitting a bend relief

Fixed receptacle

F–EGG.1KC.306.KP = fixed receptacle, nut fixing, with key (G), 1K series, mulupole type with 6 contacts, outer shell in natural chrome plated brass, PPS insulator, female pcb contacts.

Part Secton Showing Internal Components

Fixed receptacle
① outer shell
② insulator
③ hexagonal nut
④ retaining ring
⑤ earthing crown
⑥ female contact
⑦ o.ring



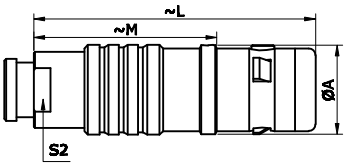
Straight plug
① outer shell
② male contact
③ latch sleeve
④ insulator
⑤ inner shell
⑥ split insert carrier
⑦ earthing cone
⑧ gasket
⑨ washer
⑩ collet
⑪ collet nut
⑫ retaining ring

Technical Characteristcs Mechanical and climatical

Characteristcs	Value	Standard
Endurance	〉5000cycles	IEC60512-5test9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C， +250°C	
Resistance to vibratons	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	〉72h	IEC 60512-6 test 11f
Protecton index (mated)	IP 68	IEC 60529
Climatcal category	55/175/21	IEC 60068-1

Electrical

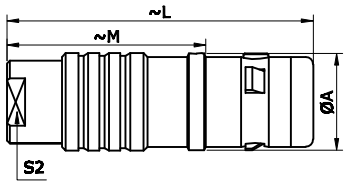
Characteristcs		Value	Standard
Shielding efficiency	at 10 MHZ	〉95 dB	IEC 60619-1-3
	at 1 GHZ	〉80 dB	IEC 60619-1-3



F-FGG Waterproof Cable Mount Straight Plug,
Key(G) or other keys (A...L)
cable collet and nut for fii ng a bend relief

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
F-FGG	0K	11.0	34.0	23.0	7.0
F-FGG	1K	13.0	42.0	28.0	9.0
F-FGG	2K	16.0	52.0	36.0	12.0
F-FGG	3K	19.0	60.0	40.0	15.0

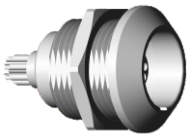
Please contact us for additional information about 4K&5K Series

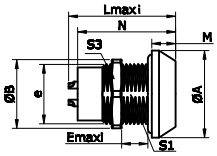


F-FGG Waterproof Cable Mount Straight Plug,
Key(G) or other keys (A...L) cable collet

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
F-FGG	0K	11.0	34.0	23.0	7.0
F-FGG	1K	13.0	42.0	28.0	9.0
F-FGG	2K	16.0	52.0	36.0	12.0
F-FGG	3K	19.0	60.0	40.0	15.0

Please contact us for additional information about 4K&5K Series

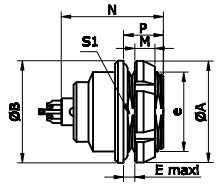




F-EGG Panel Mount Fixed Receptacle, nut fixing, key (G)
or keys (A to F, L,and R),in solder or PCB printed type

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-EGG	0K	18.0	19.2	M14 *1.0	6	21.7	4.0	20.0	12.5	17
F-EGG	1K	20.0	21.5	M16 *1.0	9	27.0	4.5	25.1	14.5	19
F-EGG	2K	25.0	27.0	M20 *1.0	9	30.7	5.0	28.6	18.5	24
F-EGG	3K	31.0	34.0	M24 *1.0	11	36.2	6.0	33.6	22.5	30

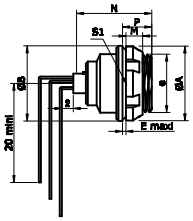
Please contact us for additional information about 4K&5K Series



F-EEG Panel Mount Fixed Receptacle, nut fixing, key (G)
or keys (A to F, L,and R),in solder or PCB printed type
(back panel mountng)

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	M	N	P	S1
F-EEG	0K	18.0	18.0	M14 *1.0	3.4	3.5	20.1	7.0	12.5
F-EEG	1K	20.0	20.0	M16 *1.0	6.2	3.5	25.1	10.0	14.5
F-EEG	2K	25.0	25.0	M20 *1.0	5.0	3.5	28.6	10.0	18.5
F-EEG	3K	30.0	31.0	M24 *1.0	7.5	4.5	33.6	12.0	22.5

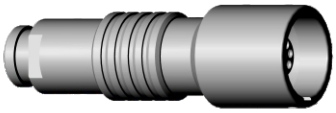
Please contact us for additional information about 4K&5K Series

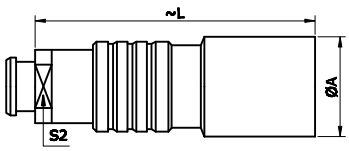


F-EEG Panel Mount Fixed Receptacle, nut fixing, key (G) or keys (A to F, L,and R),elbow 90°contact for solder or printed circuit (back panel mountng)

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	M	N	P	S1
F-EEG	0K	18.0	18.0	M14 ⁎1.0	3.4	3.5	20.1	7.0	12.5
F-EEG	1K	20.0	20.0	M16 ⁎1.0	6.2	3.5	25.1	10.0	14.5
F-EEG	2K	25.0	25.0	M20 ⁎1.0	5.0	3.5	28.6	10.0	18.5
F-EEG	3K	30.0	31.0	M24 ⁎1.0	7.5	4.5	33.6	12.0	22.5

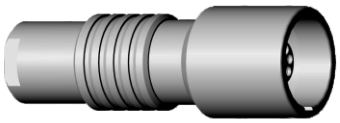
Please contact us for additional information about 4K&5K Series

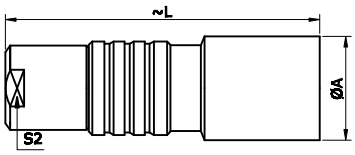




F-PHG Free Cable Mounted receptacles, key (G) or keys (A to F, L,and R), cable collet and nut for fii ng a bend relief

Reference		Dimensions(mm)		
Model	Series	A	L	S2
F-PHG	0K	13.0	34.0	7.0
F-PHG	1K	15.0	45.0	9.0
F-PHG	2K	19.0	54.0	12.0
F-PHG	3K	23.0	64.0	15.0



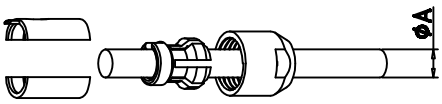


F-PHG Free Cable Mounted Receptacles, key (G) or keys (A to F,L,and R), cable collet and

Reference		Dimensions(mm)		
Model	Series	A	L	S2
F-PHG	0K	13.0	34.0	8.0
F-PHG	1K	15.0	45.0	9.0
F-PHG	2K	19.0	54.0	12.0
F-PHG	3K	23.0	65.0	15.0

Please contact us for additional information about 4K&5K Series

K series Cable collet



Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-0K-021	21	2.1	–	2.2	1.4
F-CCT-0K-032	32	3.2	–	3.2	>2.2
F-CCT-0K-042	41	4.1	–	4.2	>3.2
F-CCT-0K-052	52	5.2	4.7	5.2	>4.2
F-CCT-0K-056	56	5.6	4.7	5.6	>5.7 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-1K-042	42	4.2	–	4.2	2.5
F-CCT-1K-052	52	5.2	–	5.2	>4.2
F-CCT-1K-062	62	6.2	–	6.2	>5.2
F-CCT-1K-072	72	7.2	6.7	7.2	>6.2
F-CCT-1K-076	76	7.6	6.7	7.5	7.1 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-2K-042	42	4.2	–	4.2	>3.2
F-CCT-2K-052	52	5.2	–	5.2	>4.2
F-CCT-2K-062	62	6.2	–	6.2	>5.2
F-CCT-2K-072	72	7.2	–	7.2	>6.2
F-CCT-2K-082	82	8.2	–	8.2	>7.2
F-CCT-2K-092	92	9.2	8.6	9.2	>8.2
F-CCT-2K-099	99	9.9	8.6	9.7	9.1 ①

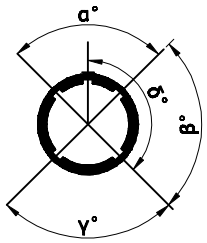
Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
F-CCT-3K-062	62	6.2	–	6.2	4.9
F-CCT-3K-072	72	7.2	–	7.7	>6.2
F-CCT-3K-082	82	8.2	–	8.0	7.1
F-CCT-3K-092	92	9.2	–	9.2	>7.7
F-CCT-3K-100	10	10.2	–	10.7	>9.2
F-CCT-3K-110	11	11.2	10.2	11.0	10.1
F-CCT-3K-120	12	11.9	10.2	11.7	11.1 ①

① This cable collet is only for round cable collet nut, not fit for cable nut with bend relief type.

Alignment key and Polarized Keys(K series)

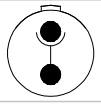
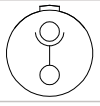
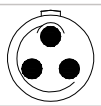
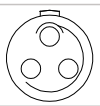
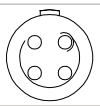
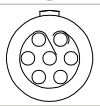
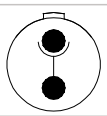
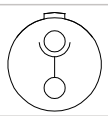
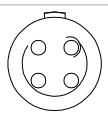
K series connector model part numbers are composed of five leeers.
The last leter indicated the key posiion and the contact type (male or female).

Front view of socket



Code	Keys No.	Angles	Series				Contact Type	
			0K	1K	2K	3K	Plug	Receptacle
G	1		0°	0°	0°	0°	Male	Female
A	2	α	30°	30°	30°	30°	Male	Female
B	2		45°	45°	45°	45°	Male	Female
C	2		60°	60°	60°	60°	Male	Female
D	2	γ	95°	95°	95°	95°	Male	Female
E	2	β	120°	120°	120°	120°	Male	Female
F	2		145°	145°	145°	145°	Male	Female
L	2	γ	75°	75°	75°	75°	Male	Female

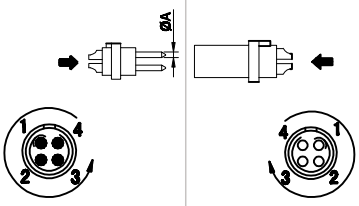
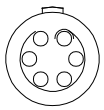
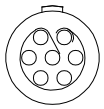
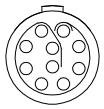
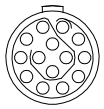
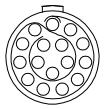
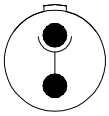
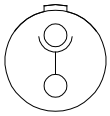
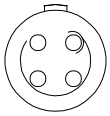
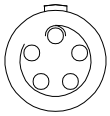
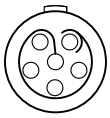
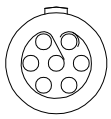
Multpole

	solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Contacttype			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
00			302	2	0.5	●	●	●	1.00	0.95	5.0
			303	3	0.5	●	●	●	0.80	0.95	3.0
			304	4	0.5	●	●	●	0.80	0.65	2.0
0B 0K			302	2	0.9	●	●	●	1.30	1.05	10.0
			303	3	0.9	●	●	●	1.20	0.90	8.0
			304	4	0.7	●	●	●	0.85	0.70	7.0
			305	5	0.7	●	●	●	1.00	0.70	6.5
			306	6	0.5	●	●	●	0.85	0.65	2.5
			307	7	0.5	●	●	●	0.80	0.70	2.5
			309	9	0.5	●	●	○	0.60	0.50	2.0
1B 1K			302	2	1.3	●	●	●	1.50	1.35	15.0
			303	3	1.3	●	●	●	1.30	1.55	12.0
			304	4	0.9	●	●	●	1.35	1.45	10.0
			305	5	0.9	●	●	●	1.25	1.15	9.0

● First choice alternatve
○ Special order alteratve

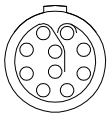
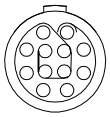
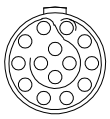
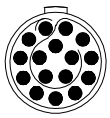
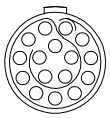
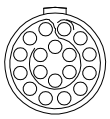
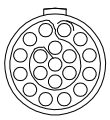
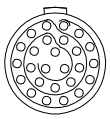
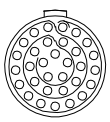
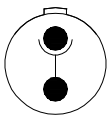
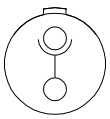
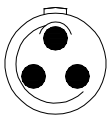
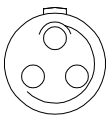
ZHYF

Multpole

	solder male contact	solder female contact	Insulator	Contact No.	φA(MM)	Contact type: Solder contact	Contact type: PCB straight contact	Contact type: PCB elbow contact	Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
											
1B 1K			306	6	0.7	●	●	●	1.05	1.20	7.0
			307	7	0.7	●	●	●	0.95	1.05	7.0
			308	8	0.7	●	●	●	0.95	1.15	5.0
			310	10	0.5	●	●	●	0.90	1.50	2.5
			314	14	0.5	●	●	●	0.80	1.20	2.0
			316	16	0.5	●	●	○	0.80	1.25	1.5
2B 2K			302	2	2.0	●	●	●	2.10	1.75	25.0
			303	3	1.6	●	●	●	2.40	1.85	17.0
			304	4	1.3	●	●	●	1.85	1.85	15.0
			305	5	1.3	●	●	●	1.75	1.60	14.0
			306	6	1.3	●	●	●	1.35	1.45	12.0
			307	7	1.3	●	●	●	1.75	1.60	11.0

● First choice alternatve
○ Special order alteratve

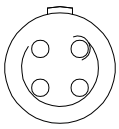
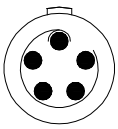
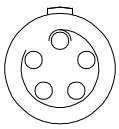
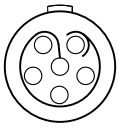
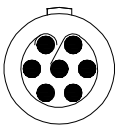
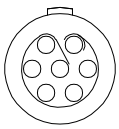
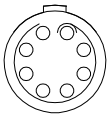
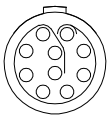
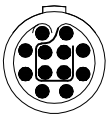
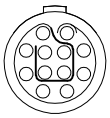
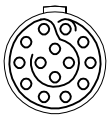
Multpole

	solder male contact	solder female contact	Insulator	Contact No.	φA(MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
2B 2K			308	8	0.9	●	●	●	1.50	1.25	10.0
			310	10	0.9	●	●	●	1.45	1.30	8.0
			312	12	0.7	●	●	●	1.25	1.35	7.0
			314	14	0.7	●	●	●	1.15	1.35	6.5
			316	16	0.7	●	●	●	0.95	1.25	6.0
			318	18	0.7	●	●	●	0.85	1.20	5.5
			319	19	0.7	●	●	●	0.95	1.25	5.0
			326	26	0.5	●	●	○	0.95	1.30	2.0
			332	32	0.5	●	●	○	0.80	1.20	1.5
3B 3K			302	2	3.0	●	○	–	2.10	1.55	35.0
			303	3	2.0	●	●	○	1.90	1.50	25.0

● First choice alternatve
○ Special order alteratve

ZHYF

Multpole

solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Contacttype			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
					Solder contact	PCB straight contact	PCB elbow contact			
3B 3K 		304	4	2.0	●	●	●	1.45	1.25	19.0
		305	5	1.6	●	●	○	1.90	1.25	19.0
		306	6	1.6	●	●	○	1.60	1.15	17.0
		307	7	1.6	●	●	○	1.70	1.25	15.0
		308	8	1.3	●	●	●	1.65	1.15	13.0
		309	8 1	1.3 2.0	●	●	–	1.35 1.35	1.05 1.05	6.0 15.0
		310	10	1.3	●	●	○	1.25	0.90	12.0
		312	12	0.9	●	●	●	1.45	1.00	9.0
		314	14	0.9	●	●	●	1.20	1.20	9.0
		316	16	0.9	●	●	●	1.20	0.85	8.0

● First choice alternatve
○ Special order alteratve

Please contact us for additional information about 4B\4K&5B\5K Series

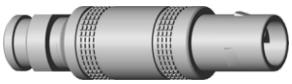
S series

Half-moon Type Circular Push-pull Self-latching Connectors

S series

Plugs

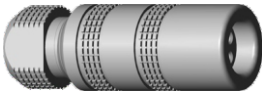
FFA



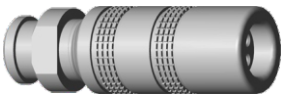
FFA

Receptacles

ERA

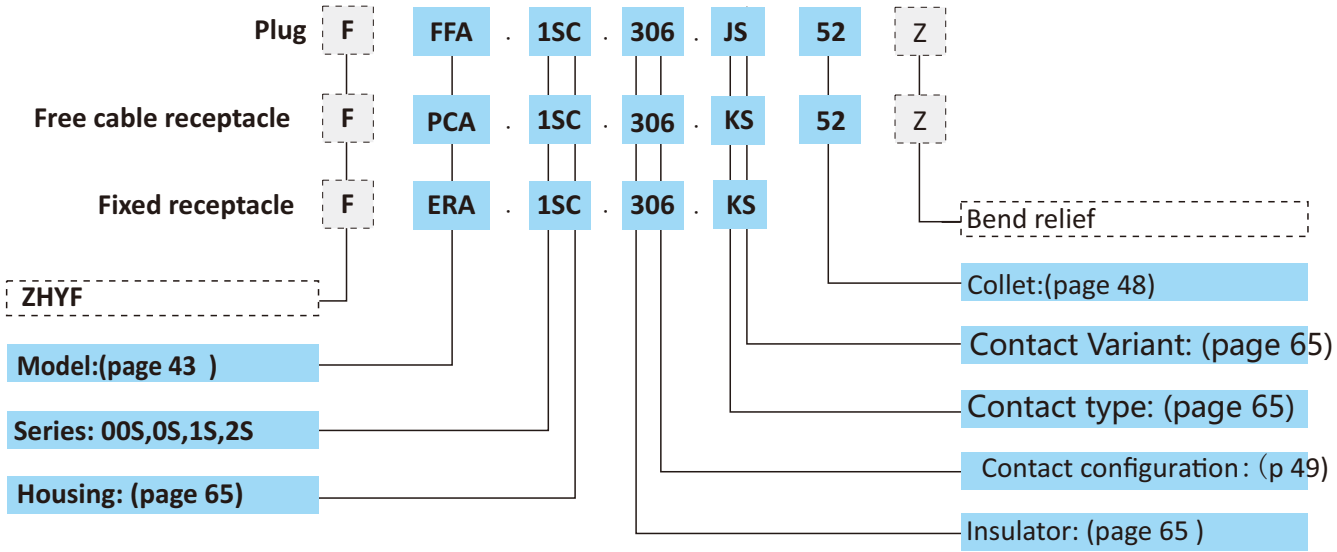


PCA



PCA

Part Numbering System



Part Number Example

Straight plug with cable collet

F−FFA.1SC.306.JS52Z = straight plug with cable collet, 1S series, multpole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 male and 3 female solder contacts, cable collet for 4.2.5.2 mm diameter cable, nut for fitting a bend relief

Fixed receptacle

F−ERA.1SC.306. KS = fixed receptacle, nut fixing, 1S series, mulupole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 female and 3 male solder contacts.

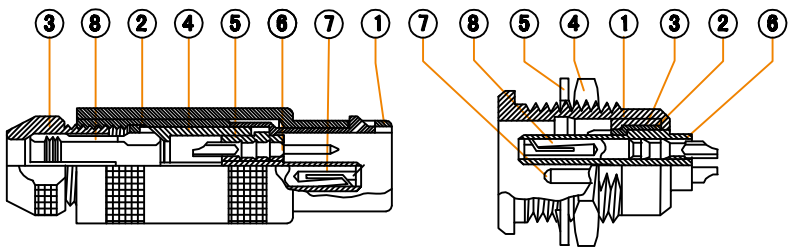
Free receptacle

F−PCA.1SC.306. KS52Z = free cable receptacle with cable collet, 1S series, multpole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 female and 3 male solder contacts, C type collet for a 3.2 mm diameter cable and nut for fitting a bend relief

Part Secton Showing Internal Components

Straight receptacle

① outer shell
② latch sleeve
③ collet nut
④ center.piece
⑤ insulator
⑥ male contact
⑦ female contact
⑧ collet



Fixed receptacle

① outer shell
② earthing crown
③ retaining ring
④ hexagonal nut
⑤ locking washer
⑥ insulator
⑦ male contact
⑧ female contact

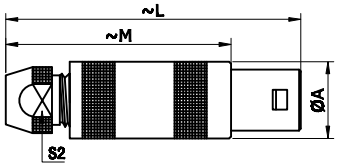
ZHYF

Technical Characteristcs Mechanical and Climatical

Characteristcs	Value	Standard
Endurance	›5000cycles	IEC60512-5test9a
Humidity	Up to 95 % at 60°C	
Temperature range	-55°C， +250°C	
Resistance to vibraton	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	›72h	IEC 60512-6 test 11f
Protecton index (mated)	IP 50	IEC 60529
Climatcal category	55/175/21	IEC 60068-1

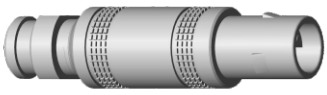
Electrical

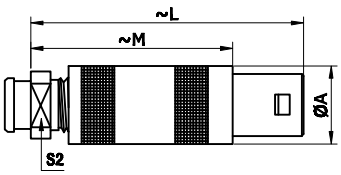
Characteristcs		Value	Standard
Shieding efficiency	at 10 MHZ	›75 dB	IEC 60619-1-3
	at 1 GHZ	›40 dB	IEC 60619-1-3



F-FFA Straight Plug, Cable Collet

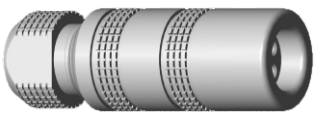
Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
F-FFA	00S	6.4	26.0	18.0	4.5
F-FFA	0S	9.0	34.5	24.5	6.5
F-FFA	1S	12.0	42.5	31.5	8.5
F-FFA	2S	14.8	52.0	40.0	11.0
F-FFA	3S	17.8	61.0	46.0	14.0

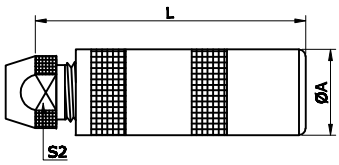




F-FFA Straight Plug, Cable Collet and Nut for fitting a bend relief

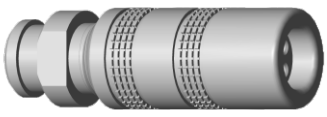
Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
F-FFA	00S	6.4	26.0	18.0	4.5
F-FFA	0S	9.0	34.5	24.5	6.5
F-FFA	1S	12.0	42.5	31.5	8.5
F-FFA	2S	14.8	52.0	40.0	11.0
F-FFA	3S	17.8	61.0	46.0	14.0

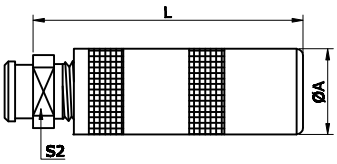




F-PCA Free Cable Receptacle, Cable Collet

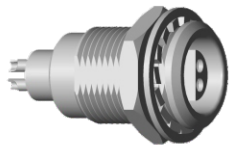
Reference		Dimensions(mm)		
Model	Series	A	L	S2
F-PCA	0S	8.9	33.5	6.5
F-PCA	1S	11.9	40.5	8.5
F-PCA	2S	14.8	50.0	11.0
F-PCA	3S	17.8	59.0	14.0

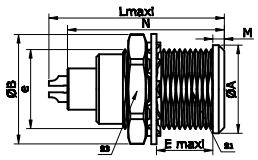




F-PCA Free Cable Receptacle, Cable Collet and Nut for fitting a bend relief

Reference		Dimensions(mm)		
Model	Series	A	L	S2
F-PCA	00S	6.5	25.0	6
F-PCA	0S	8.9	33.5	7
F-PCA	1S	11.9	40.5	9
F-PCA	2S	14.8	50.0	12.0
F-PCA	3S	17.8	59.0	14.0

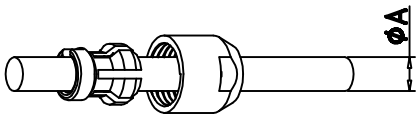




F-ERA Panel Mount Fixed Receptacle, Nut fixing

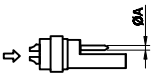
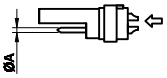
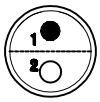
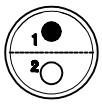
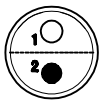
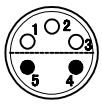
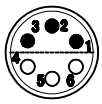
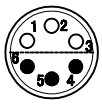
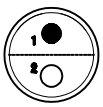
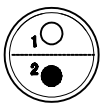
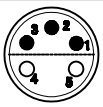
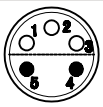
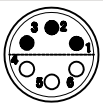
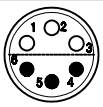
Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
F-ERA	00S	8.0	10.2	M7*0.5	5.5	14.5	1.0	13.7	6.3	9.0
F-ERA	0S	10.0	12.4	M9*0.6	7.0	17.5	1.2	19.1	8.2	11.0
F-ERA	1S	14.0	15.8	M12*1.0	7.5	20.2	1.5	21.1	10.5	14.0
F-ERA	2S	18.0	19.2	M15*1.0	8.5	24.5	1.8	24.6	13.5	17.0
F-ERA	3S	22.0	25.0	M18*1.0	11.5	29.0	2.0	28.1	16.5	22.0

S series Cable collet



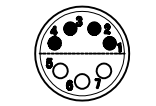
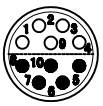
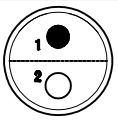
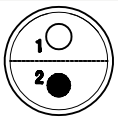
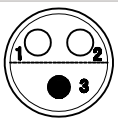
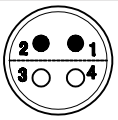
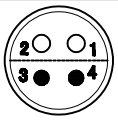
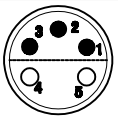
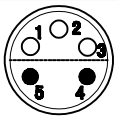
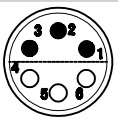
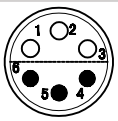
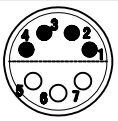
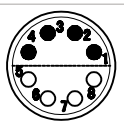
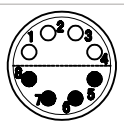
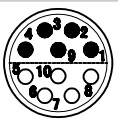
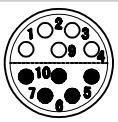
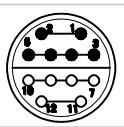
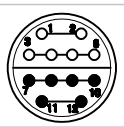
Cable Clamp Set		collet ϕ （mm)		Cable ϕ（mm)	
type	code	ϕ A	ϕ B	Max	Min
F-CCT-00S-027	27	2.7	–	2.7	›2.2
F-CCT-0S-032	32	3.2	–	3.2	›2.2
F-CCT-0S-037	37	3.7	–	3.7	›3.2
F-CCT-0S-044	44	4.4	3.7	4.4	›3.7
F-CCT-0S-056	56	5.6	4.7	5.6	›5.7
F-CCT-1S-052	52	5.2	–	5.2	›4.2

Multpole

	solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Contacttype			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
0S			302	2	0.9	●	●	●	1.50	2.10	10.0
			303	3	0.7	●	●	●	1.00	1.50	7.0
			304	4	0.7	●	●	●	1.00	1.50	7.0
1S			302	2	1.3	●	○	○	1.20	1.80	15.0
			303	3	0.9	●	●	○	1.20	1.80	10.0
			304	4	0.9	●	●	●	0.95	1.15	5.0
			305	2 3	0.9 0.7	●	●	●	1.50 1.50	2.10 2.10	10.0 7.0
			306	6	0.7	●	●	●	1.50	2.10	7.0
2S			302	2	1.6	●	○	○	1.70	2.40	20.0
			303	3	1.3	●	○	○	1.50	2.10	15.0
			304	4	1.3	●	○	○	1.70	2.40	15.0
			305	5	1.3	●	○	○	1.50	2.10	13.0
			306	2	1.3	●	○	○	1.50	2.10	12.0

● First choice alternatve
○ Special order alteratve

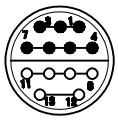
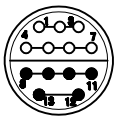
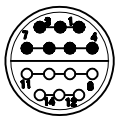
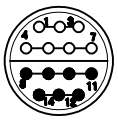
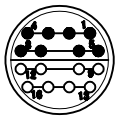
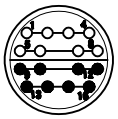
Multpole

solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Contacttype: Solder contact	Contacttype: PCB straight contact	Contacttype: PCB elbow contact	Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
		307	3 4	1.3 0.9	●	○	○	0.80 0.80	1.20 1.20	12.0 9.0
		308	8	0.9	●	○	○	0.80	1.20	9.0
		310	10	0.9	●	○	○	0.80	1.20	7.0
		302	2	2.0	●	●	○	3.0	4.20	23.0
		303	3	2.0	●	○	○	1.50	2.10	20.0
		304	4	2.0	●	○	○	1.50	2.10	18.0
		305	2 3	2.0 1.3	●	○	○	1.50 1.50	2.10 2.10	18.0 14.0
		306	6	1.3	●	○	○	2.10	3.0	14.0
		307	7	1.3	●	○	○	1.0	1.50	12.0
		308	8	1.3	●	○	○	1.0	1.50	10.0
		310	10	1.3	●	○	○	1.0	1.50	9.0
		312	12	0.9	●	○	○	1.50	2.10	8.0

3S

● First choice alternatve
○ Special order alteratve

Multpole

solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Contacttype			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
					Solder contact	PCB straight contact	PCB elbow contact			
		313	13	0.9	●	○	○	1.50	2.10	8.0
		314	14	0.9	●	○	○	1.50	2.10	7.0
		316	16	0.9	●	○	○	1.0	1.50	7.0
		318	18	0.9	●	○	○	1.0	1.50	6.0

● First choice alternatve
○ Special order alteratve

P series

Plastc Medical Circular Push-pull Self-latching Connectors

P series

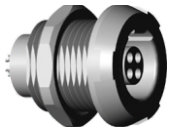
Plugs

PAG

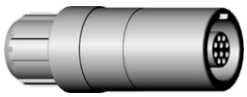
PAG

Receptacles

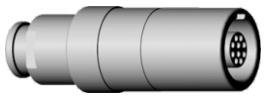
PKG



PLG

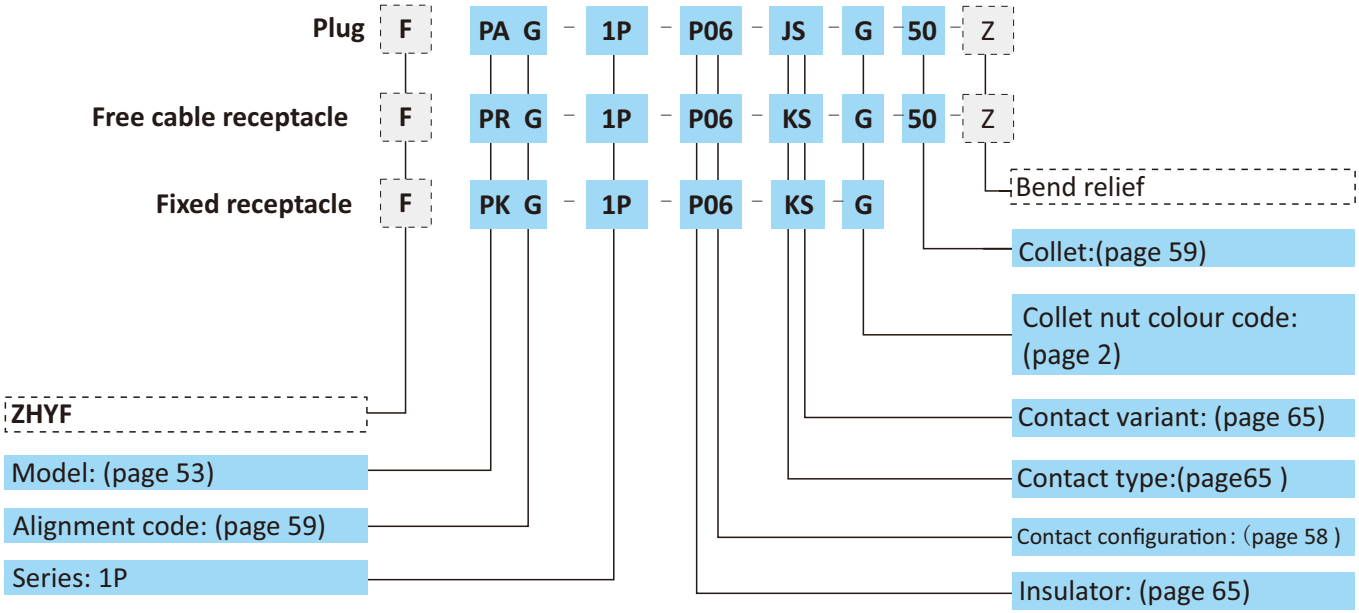


PRG



PRG

Part Numbering System



Part Number Example

Straight plug

F-PAG-1PC-P06JS-52GZ = straight plug with cable collet and alignment key (G=0 degree), multpole type with 6 male contacts to solder, grey PC outer shell, PPS insulator, collet for 4.2-5.2mm diameter cable and gray colour bend relief.

Free cable receptacle

F-PRG-1PC-P06KS-52A = straight receptacle with cable collet, alignment key (G=0 degree), multpole type with 6 female solder contacts, gray colour PC outer shell, PPS insulator, collet for cable 4.2-5.2mm and blue colour collet nut.

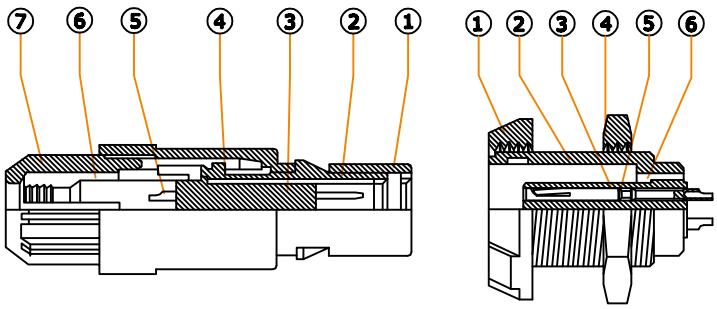
Fixed receptacle

F-PKG-1PC-P06KSG = fixed receptacle with two nuts and alignment key (G=0 degree), mullpole type with 6 female solder contacts in solder type, gray colour PC outer shell, PPS insulator, gray colour plastc front nut.

Part Secton Showing Internal Components

Straight plug

① outer shell
② latch sleeve
③ insulator
④ male contact
⑤ split insert carrier
⑥ collet
⑦ collet nut



Fixed receptacle

① outer shell
② retaining ring
③ hexagonal nut
④ locking washer
⑤ insulator
⑥ female contact

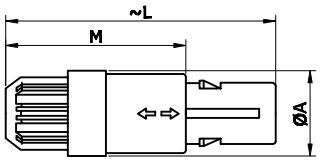
ZHYF

Technical Characteristcs Mechanical and Climatical

Characteristcs	Value	Standard
Endurance	›5000cycles	I EC 60512-5 test 9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C， +250°C	
Resistance to vibraton	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	›72h	IEC 60512-6 test 11f
Protecton index (mated)	IP 50	IEC 60529
Climatcal category	55/175/21	IEC 60068-1

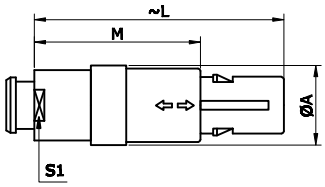
Electrical

Characteristcs		Value	Standard
Shieding efficiency	at 10 MHZ	›75 dB	IEC 60619-1-3
	at 1 GHZ	›40 dB	IEC 60619-1-3



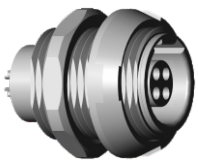
F-PAG Straight Plug, key(G) or keys (A. B,C,H and J), with cable collet

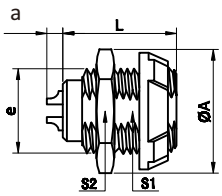
Reference		Dimensions(mm)		
Model	Series	A	L	M
F-PAG	1P	14	46.5	32



F-PAG Straight Plug, key(G) or keys (A. B,C,H and J),with cable collet and nut for fii ng a bend relief

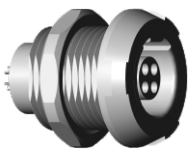
Reference		Dimensions(mm)			
Model	Series	A	L	M	S1
F-PAG	1P	14	45.5	32	9

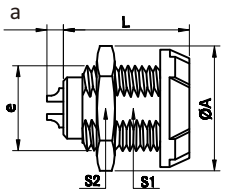




F-PKG Fixed Receptacle with two nuts,, key(G) or keys (A. B,C,H and J), back panel mountng

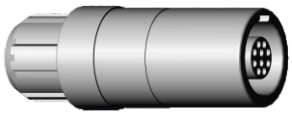
Reference		Dimensions(mm)					
Model	Series	A	L	a	e	S1	S2
F-PKG	1P	18.5	20.5	2.7	M14*1.0	12.5	17

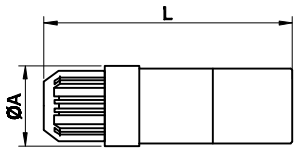




F-PLG Fixed Receptacle, all-in-one type, key(G) or keys (A. B,C,H and J) and nut fixing

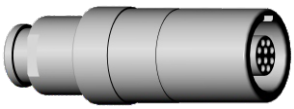
Reference		Dimensions(mm)					
Model	Series	A	L	a	e	S1	S2
F-PLG	1P	19.5	20.5	2.7	M14*1.0	12.5	17

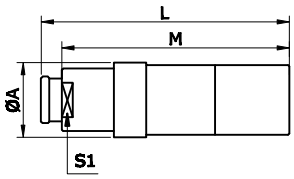




F-PRG Free Cable Mount Receptacle, key(G) or keys (A. B,C,H and J), with cable collet

Reference		Dimensions(mm)	
Model	Series	A	L
F-PRG	1P	14	40

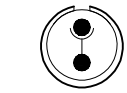




F-PRG Free Cable Mount Receptacle, key(G) or keys (A. B,C,H and J), with cablecollet and nut for fii ng a bend relief

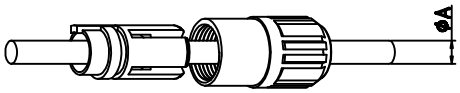
Reference		Dimensions(mm)			
Model	Series	A	L	M	S1
F-PRG	1P	14	43	38.7	9

Multpole

	solder male contact	solder female contact	Insulator	Contact No.	ϕ A(MM)	Solder contact	Contacttape			Test voltage(contact -shell)k/v rms	Rated current /A
							PCB straight contact	PCB elbow contact	Test voltage(contact -contact)k/v rms		
1P			P02	2	1.3	●	●	●	1.30	1.10	10.0
			P04	4	0.9	●	●	●	1.35	1.45	10.0
			P05	5	0.9	●	●	●	1.25	1.15	9.0
			P06	6	0.7	●	●	●	1.05	1.20	7.0
			P07	7	0.7	●	●	●	0.95	1.05	7.0
			P08	8	0.7	●	●	●	0.95	1.15	5.0
			P10	10	0.5	●	●	●	0.90	1.50	2.5
			P14	14	0.5	●	●	●	0.80	1.20	2.0

● First choice alternatve
○ Special order alteratve

P series Cable collet



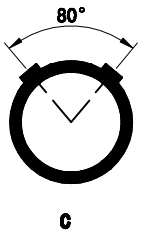
Cable Clamp Set	φA (mm)	Cableφ (mm)	
		Min	Max
F-CCT-1P-039	3.9	2.7	3.9
F-CCT-1P-052	5.2	4.0	5.2
F-CCT-1P-065	6.5	5.3	6.5

Alignment keys:

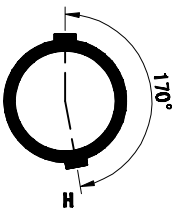
G = standard key.

A = two keys with 40 degree,

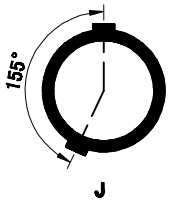
B = two keys with 60 degree,



C = two keys with 80 degree,

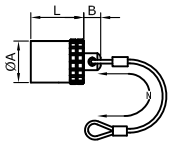


H = two keys with 170 degree

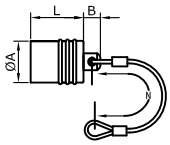


J = two keys with 155 degree.

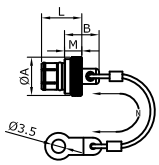
Accessories



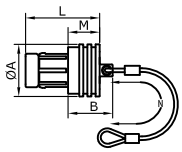
Reference		Dimensions(mm)			
Model	Series	A	B	L	N
BFG-0K-100-NAS	0K	14.0	6	12.5	85
BFG-1K-100-NAS	1K	16	6	15.5	85
BFG-2K-100-NAS	2K	19.5	6	17.5	85
BFG-3K-100-NAS	3K	23.0	6	22.0	120



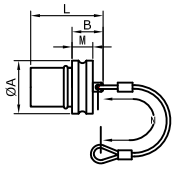
Reference		Dimensions(mm)			
Model	Series	A	B	L	N
BFF-0F-200-NAS	0F	9.8	4	12.5	65
BFF-1F-200-NAS	1F	12	4	13.5	85
BFF-AF-200-NAS	AF	14	4	12.5	85
BFF-2F-200-NAS	2F	16	4	15	120



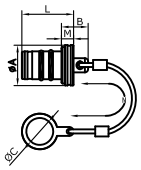
Reference		Dimensions(mm)				
Model	Series	A	B	L	M	N
BRE-00-200-NAS	00	7.5	7.5	8.8	3.5	60
BRE-0S-200-NAS	0S-0B	9.5	9.5	10.5	4.5	85
BRE-1S-200-NAS	1S-1B	11.0	11.0	15.5	5.0	85
BRE-2S-200-NAS	2S-2B	12.0	12.0	14.0	6.0	85
BRE-3S-200-NAS	3S-3B	14.0	14.0	18.0	8.0	120



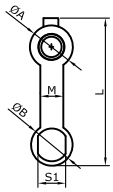
Reference		Dimensions(mm)				
Model	Series	A	B	L	M	N
FD0FG9-1-ZM-01	0F	10	7	12.8	3	60
FD0FG9-1-ZM-01	1F	14	12	23.4	8.5	85
FD0FG9-1-ZM-01	AF	14	11.7	21.6	8.5	85



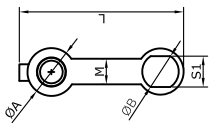
Reference		Dimensions(mm)				
Model	Series	A	B	M	L	N
BRE-0K-200-NAS	0K	15	7	4	15	85
BRE-0K-200-NAS	1K	17	5.8	6	20	85
BRE-0K-200-NAS	2K	20.5	5.8	8	24	85



Reference		Dimensions(mm)					
Model	Series	A	B	C	L	M	N
FD0FG9-1-ZM	0F	10	7	9.1	12.8	3	60
FD0FG9-1-ZM	1F	14	5.8	14.1	13.7	2.3	85
FDAFG9-1-ZM	AF	14	5.8	14.1	13.7	2.3	85
FD2FG9-1-ZM	2F	18	8.0	16.1	14.0	3.0	120



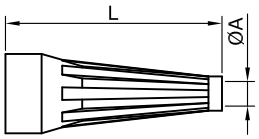
Reference		Dimensions(mm)				
Model	Series	A	B	L	M	S1
BRP-0F-200-NAS	0F	11.9	11.8	40	6.3	8.0
BRP-1F-200-NAS	1F	14.1	14.0	60	7.2	12.5
BRP-AF-200-NAS	AF	14.1	14.0	60	7.2	12
BRP-2F-200-NAS	2F	16.1	16.0	60	8.0	14.5



Reference		Dimensions(mm)				
Model	Series	A	B	L	M	S1
BRP-0B-200-NAS	0B	11.9	9.0	40	6.3	8.0
BRP-1B-200-NAS	1B	14.1	12.0	60	7.2	10.5
BRP-2B-200-NAS	2B	16.1	15.0	60	7.2	13.5

Main Characteristics

Material: TPU (Thermoplastc Polyurethane)
Temperature range in dry atmosphere: -60°C +200°C



Shell Size	Cableφ		Dimensions (mm)		Part Number
	min	max	A	L	
00	2.8	3.1	2.8	22	F-GMA-0B-028-DG
0B 0S 0K 0F	3.0	3.4	2.5	24	F-GMA-0B-025-DG
	2.5	3.0	3.0	24	F-GMA-0B-030-DG
	3.0	3.5	3.5	24	F-GMA-0B-035-DG
	3.5	4.0	4.0	24	F-GMA-0B-040-DG
	4.0	4.5	4.5	24	F-GMA-0B-045-DG
	4.5	5.5	5.5	27	F-GMA-0B-055-DG
1B 1S 1K 1F	4.0	4.4	4.0	30	F-GMA-1B-040-DG
	4.5	4.9	4.5	30	F-GMA-1B-045-DG
	5.4	6.0	5.4	30	F-GMA-1B-054-DG
	6.5	7.0	6.5	30	F-GMA-1B-065-DG
2B 2K	5.0	5.5	5.0	36	F-GMA-2B-050-DG
	6.0	6.5	6.0	36	F-GMA-2B-060-DG
	7.0	7.7	7.0	36	F-GMA-2B-070-DG
	7.8	8.8	7.8	36	F-GMA-2B-080-DG
3S 3B 3K	4.5	5.2	4.5	42	F-GMA-3B-050-DG
	6.0	6.9	6.0	42	F-GMA-3B-060-DG
	7.0	7.9	7.0	42	F-GMA-3B-070-DG
	8.0	8.9	8.0	42	F-GMA-3B-080-DG
	9.0	10.0	9.0	42	F-GMA-3B-090-DG

A bend relief made from thermoplastc polyurethane elastomer can be fitted over ZHYF plugs and sockets that are supplied with nut for fitting such bend relief. They are available in nine different colours match with the GRA insulatng washers. Each color has the code listed below.
Use the bend relief Part no. can order this accessory separately.

Code	Colour
A	Blue
B	White
G	Gray
J	Yellow
M	Brown
N	Black
R	Red
S	Orange
V	Green

Note:
The last leter «G» of the part number indicates the grey colour of the bend relief. For ordering a bend relief with another colour, and replace the leter «G» by the leeer of the required colour.

Colour of the bridge plug shells and receptacle shell made of plastc material and aluminium alloys

Reference	Colour	Bridge plug and plastc shell			Aluminium alloys	
		PSU	PPSU	PA.6	Anodized colour	Anodized colour for bend relief collet nut
A	blue			●	●	
B	white	●		●		
G	grey	●		●		
J	yellow			●	●	
M	brown			●		
N	black			●	●	
R	red			●	●	
S	orange			●		
T	natural				●	
V	green			●	●	
L	black					●
X	natural					●
F	cream		●			

Note: other anodizing colours are available for connectors with collet nut for bend relief. Please consult us.

Watertght and vacuummght receptacle and coupler models (B and K series)

	Model	Reference	
		Watertght	Vacuumtght
B	YH● HG● HN● HH● HC● HE● HM● S●●	P	PV
K	HG● HE● S●●	P	PV

O-ring and gasket material (K series)

Standard connectors are delivered with silicone o-ring and gaskets. The vacuumtght models, idennfied with the letter PV», are delivered with Viton® gaskets. Other gaskets material can be delivered upon special request.

O-ring material	Reference
FPM (Viton®)	H
EPDM	E
FPM (Viton®) and collet nut for bend relief	D

Technical Characteristics

Shell material and colour

C: Brass Material with natrual chrome plated
S: Brass Material with black chrome plated
G: Brass Material with ash(gun) chrome plated
P: PC material

Insulator:

P： PPS Material; L： PEEK

Contact type:

J: male contact, K: female contact

Contact Variant ：

S：solder type, P： PCB type, V： elbow 90° pcb type

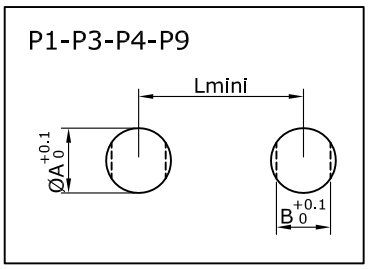
Z: Bend relief

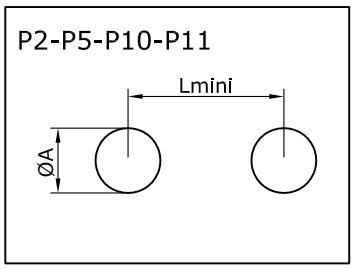
Z: refer to plug with nut fitting a bend relief

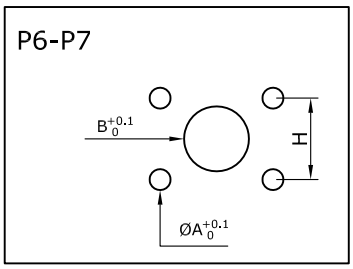
Bend relief colour code:

G: gray, W: white, N: black, R: red, V: green, A: blue, J: yellow

Panel cut-outs







B series

Series	P1			P2		P3			P4			P5		P9			P10	
	ø A	B	L	ø A	L	ø A	B	L	ø A	B	L	ø A	L	ø A	B	L	ø A	L
00	7.1	6.4	12.5	7.1	11.5	–	–	–	–	–	–	–	–	7.1	6.4	12.0	–	–
0B	9.1	8.3	14.5	9.1	13.5	14.1	12.6	20.1	10.1	9.1	15.0	8.3	10.5	9.1	8.3	15.0	–	–
1B	12.1	10.6	18.5	–	–	16.1	14.6	22.0	14.1	12.6	21.0	11.2	14.0	12.1	10.6	19.0	11.1	17.0
2B	15.1	13.6	22.5	–	–	19.2	17.1	28.0	16.1	15.1	23.0	13.9	18.0	15.1	13.6	23.0	–	–
3B	18.2	16.6	27.0	–	–	–	–	–	20.2	18.6	29.5	–	–	18.2	16.6	27.0	–	–

Cut-out types

Model	Type	Model	Type
ECG	P1	HCG	P3
EEG	P1	HEG	P9
EHG	P1	HGG	P9
EXG	P2/P10	HHG	P9
FAG	P1	PFG	P1

Mountng nut torque

Series	Torque (Nm)	
	Metal shell	Plastc shell
00	1.0	0.4
0B	2.5	0.4
1B	4.5	0.7
2B	6.0	0.8
3B	9.0	1.0

K series

Series	P1			P6			P7		
	ø A	B	L	ø A	B	L	ø A	B	L
0K	14.1	12.6	20.5	–	–	–	–	–	–
1K	16.1	14.6	22.5	–	–	–	–	–	–
2K	20.2	18.6	29.0	–	–	–	–	–	–
3K	24.2	22.6	35.5	3.5	22.6	20.6	3.5	23.1	23.0

Cut-out types

Model	Type
ECG	P1
EEG	P1

Mountng nut torque

Series	Torque (Nm)
0K	5
1K	7
2K	9
3K	12

B series

Series	P1			P2		P3			P4			P6			P7			P10	
	ø A	B	L	ø A	L	ø A	B	L	ø A	B	L	ø A	B	H	ø A	B	H	ø A	L
00	7.1	6.4	12.5	7.1	11.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0S	9.1	8.3	14.5	9.1	13.5	12.1	10.6	20.0	10.1	9.1	15.0	–	–	–	–	–	–	–	–
1S	12.1	10.6	18.5	12.1	19.0	14.1	12.6	21.0	12.1	10.6	18.0	3.3	12.1	12.7	2.7	11.1	12.4	11.1	17.0
2S	15.1	13.6	22.5	15.1	21.5	16.1	14.6	22.0	16.1	15.1	23.1	3.3	15.1	15.5	–	–	–	–	–
3S	18.2	16.6	27.0	18.2	27.0	20.2	18.6	30.0	20.2	18.6	29.0	3.3	18.2	18.0	–	–	–	–	–

Cut-out types

Model	Type
ERG	P1
ERD	P1

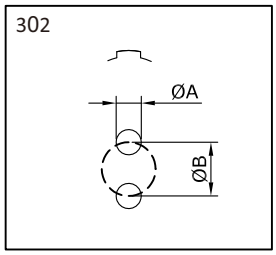
Mountng nut torque

Series	Torque (Nm)	
	Metal shell	Plastc shell
0S	2.5	0.4
1S	4.5	0.7
2S	6.0	0.8
3S	9.0	1.0

PCB drilling patern

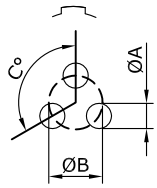
Fixed receptacle with straight print contact (B-K series)

302



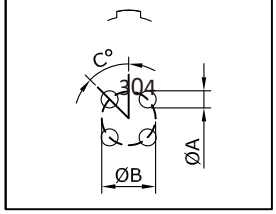
Series	Dimensions(mm)	
	A	B
00	0.6	1.2
0B-0K	0.8	2.2
1B-1K	0.8	2.8
2B-2K	0.8	4.4

303



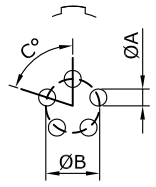
Series	Dimensions(mm)		
	A	B	C
00	0.6	1.35	120°
0B-0K	0.8	2.30	120°
1B-1K	0.8	3.00	120°
2B-2K	0.8	4.60	120°
3B-3K	0.8	5.60	120°

304



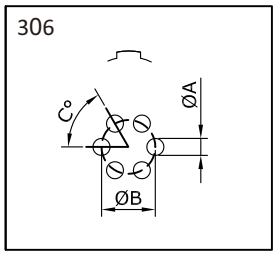
Series	Dimensions(mm)		
	A	B	C
00	0.6	1.6	45°
0B-0K	0.8	2.5	45°
1B-1K	0.8	3.1	45°
2B-2K	0.8	5.0	45°
3B-3K	0.8	6.2	45°

305



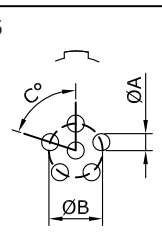
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	2.8	72°
1B-1K	0.8	3.4	72°
2B-2K	0.8	5.2	72°
3B-3K	0.8	6.7	72°

306



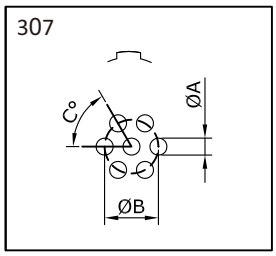
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.0	60°
1B-1K	0.8	3.7	60°

306



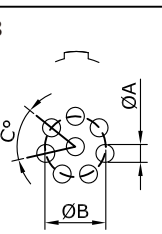
Series	Dimensions(mm)		
	A	B	C
2B-2K	0.8	5.6	72°
3B-3K	0.8	7.1	72°

307



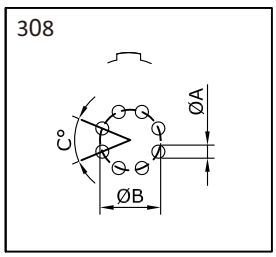
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.0	60°
1B-1K	0.8	3.7	60°
2B-2K	0.8	5.8	60°
3B-3K	0.8	7.08	60°

308



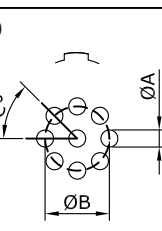
Series	Dimensions(mm)		
	A	B	C
1B-1K	0.8	3.8	51°26'

308



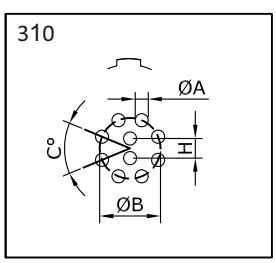
Series	Dimensions(mm)		
	A	B	C
2B-2K	0.8	6.4	45°
3B-3K	0.8	7.5	45°

309



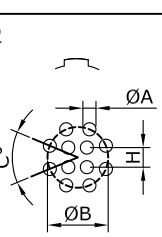
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.2	45°
3B-3K	0.8	7.5	45°

310



Series	Dimensions(mm)			
	A	B	C	H
1B-1K	0.6	3.95	45°	1.40
2B-2K	0.8	6.2	45°	2.15
3B-3K	0.8	7.9	45°	2.80

312

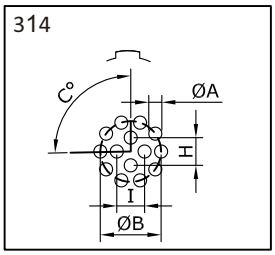


Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.5	45°	2.80
3B-3K	0.8	8.2	45°	3.40

PCB drilling patern

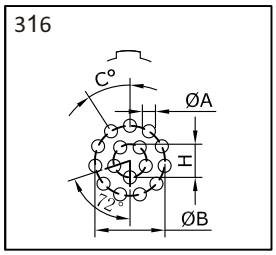
Fixed receptacke with straight print contact (B-K series)

314



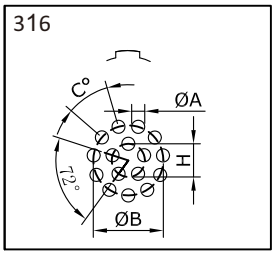
Series	Dimensions(mm)				
	A	B	C	H	I
1B-1K	0.6	4.4	90°	1.90	1.80
2B-2K	0.8	6.5	90°	2.65	2.65
3B-3K	0.8	8.2	90°	3.40	3.40

316



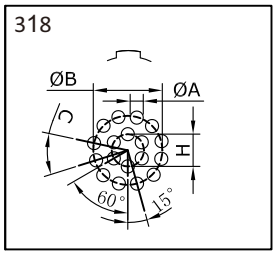
Series	Dimensions(mm)			
	A	B	C	H
1B-1K	0.6	4.4	32°44'	2.0

316



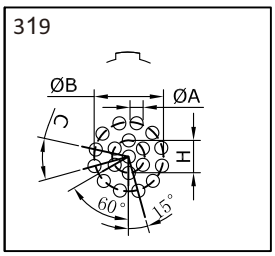
Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.6	32°44'	3.10
3B-3K	0.8	8.4	32°44'	3.86

318



Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.7	30°	3.5
3B-3K	0.8	8.4	30°	4.34

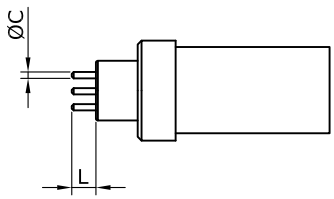
319



Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.7	30°	3.50

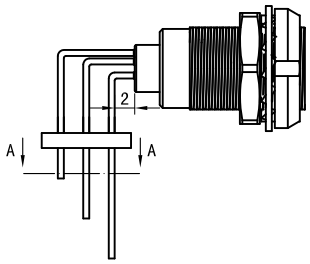
Length of straight print contacts
（for receptacle)

Series	Contact No.	Dimensions(mm)	
		ø C	L
00	302	0.5	3.0
	302	0.5	3.0
	302	0.5	3.0
0B 0K	302/303	0.7	3.2
	304/305	0.5	3.2
	306/307/309	0.5	3.2
1B 1K	302/303/303/304/305	0.7	3.0
	306/307/308	0.7	3.0
	310/314/316	0.5	4.0
2B 2K	302/303/304/305/306/307	0.7	3.0
	308/310/314/316/318/319	0.7	3.0
	326/332	0.5	3.0
3B 3K	303/304/305/306/307	0.7	3.0
	308/309/310/312/314/316/318	0.7	3.0
	320/322/324/326/330	0.5	5.0

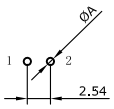


PCB drilling patern

Fixed receptacle with elbow print contact (B-K series)

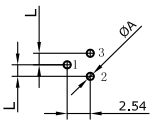


302



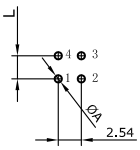
Series	Dimensions (mm)
	A
00	0.6
0B-0K	0.7
1B-1K	0.9
2B-2K	0.9

303



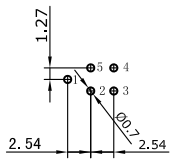
Series	Dimensions(mm)	
	A	L
00	0.6	1.27
0B-0K	0.7	1.27
1B-1K	0.9	1.27
2B-2K	0.9	2.54

304

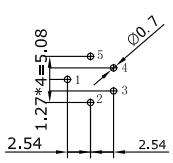


Series	Dimensions(mm)	
	A	L
00	0.6	2.54
0B-0K	0.7	2.54
1B-1K	0.7	2.54
2B-2K	0.9	3.50

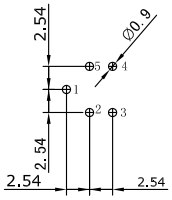
0B-0K.305



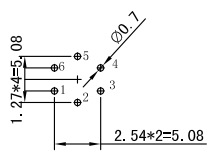
1B-1K.305



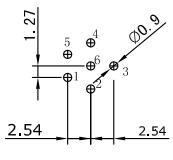
2B-2K.305



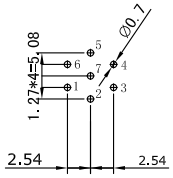
0B-0K/1B-1K.306



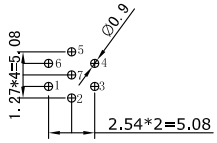
2B-2K.306



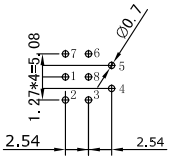
0B-0K/1B-1K.307



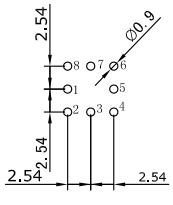
2B-2K.307



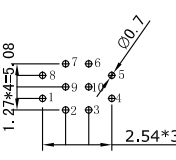
1B-1K.308



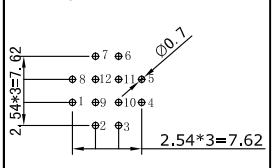
2B-2K.308/3B-3K.308



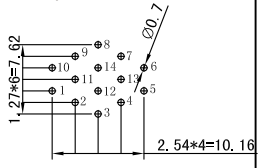
1B-1K/2B-2K.310



2B-2K/3B-3K.312

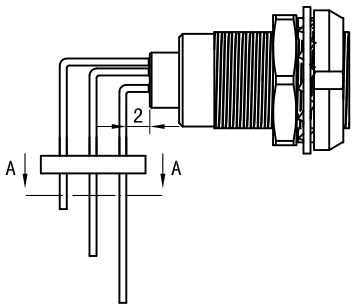


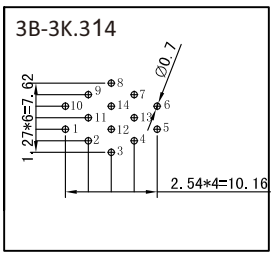
1B-1K/2B-2K.314

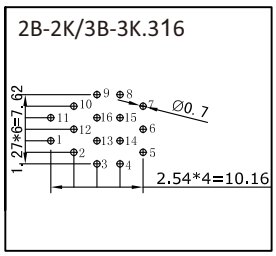


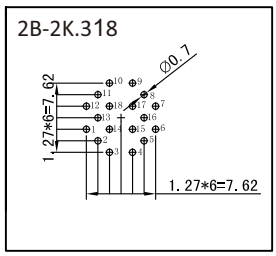
PCB drilling patern

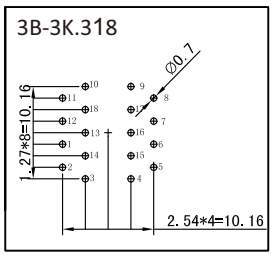
Fixed receptacle with elbow (90°) print contact (B-K series)

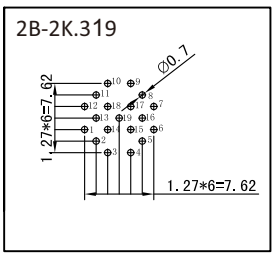


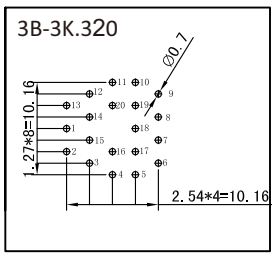


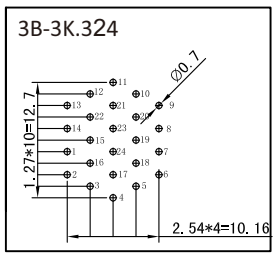


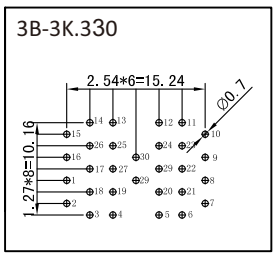






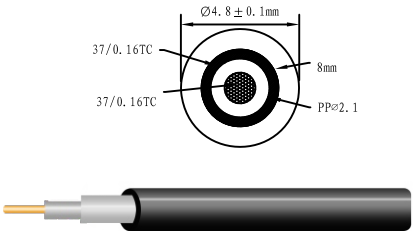






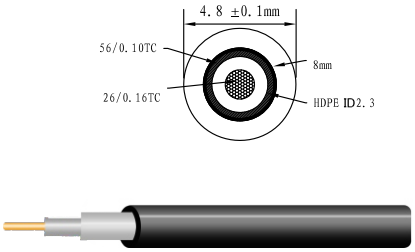
Cable

ZC.PUB01.1802



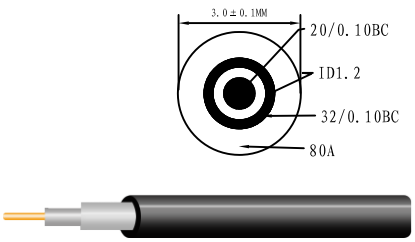
SPECIFICATION	ϕ4.8（37/0.16TC+SP37/0.16TC） cold-proof-40℃ pu cable	
CONDUCTOR	SIZE	0.75 mm² +0.75 mm²
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 37/0.16TC
	COLOR	tn colour
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	ϕ2.1±0.05mm
	MATERIAL	PP
	COLOR	white
SHIELDED	MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	37/0.16TC±1 +PT
JACKET	AVG . THICK	1.2101
	MIN . THICK	1.1876
	DIAMETER	4.8±0.1mm
	MATERIAL	cold-proof-40℃ pu cable
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB01.2001



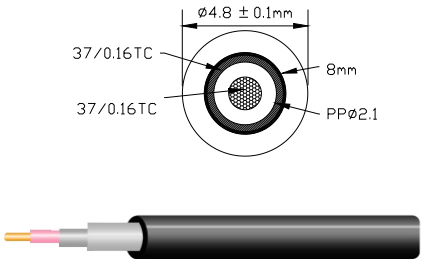
SPECIFICATION	ϕ4.8（26/0.16TC ID2.3+SP56/0.10TC） cold-proof-40℃ pu cable	
	SIZE	20AWG
CONDUCTOR	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 26/0.16TC
	COLOR	tn colour
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	Φ2.3±0.05mm
	MATERIAL	HDPE
	COLOR	white
SHIELDED	MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	56/0.10TC±2 +PT
JACKET	AVG . THICK	1.2101
	MIN . THICK	1.1876
	DIAMETER	4.8±0.1mm
	MATERIAL	cold-proof-40℃ pu cable
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB01.2601



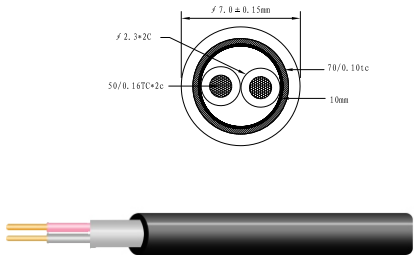
SPECIFICATION	Φ3.0（20/0.10BC++32/0.10Winding shield） cold-proof-40°℃ pu cable for RCA connector	
CONDUCTOR	SIZE	& 26AWG
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	& 20/0.10BC
	COLOR	Bare copper
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	1.2±0.05mm
	MATERIAL	PP
	COLOR	transparent
SHIELDED	MATERIAL	Bare copper
	CONSTRUCTION	32/0.10BC
JACKET	AVG . THICK	0.8001
	MIN . THICK	0.7845
	DIAMETER	Φ3.0±0.1mm
	MATERIAL	cold-proof-40°pu cable
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB01.0301



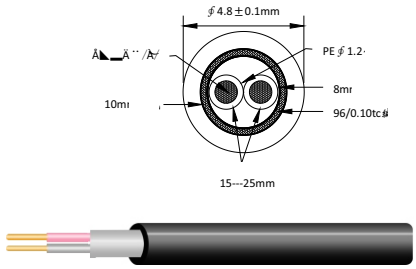
SPECIFICATION	Φ13.0 1C*25mm2+B （braided）+P（coton paper）	
CONDUCTOR	SIZE	03AWG
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	196/0.404MM
	COLOR	Bare copper
INSULATION	AVG . THICK	5.10INCH
	MIN . THICK	0.4246mm
	DIAMETER	10.0±0.20MM
	MATERIAL	PP
	COLOR	transparent
SHIELDED	MATERIAL 1	24*10/0.12MM (Tin-Coated Copper) (10)(covering: 85%MIN)
	MATERIAL 1	coton paper 0.04*40MM (covering: 125%MIN)
JACKET	DIAMETER	Φ13.00±0.30MM
	MATERIAL	PU-813/85A (-40℃~+80℃) (flame retardant raang: VW-1)
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB02.1701



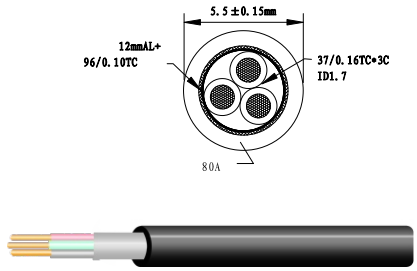
SPECIFICATION	ϕ7.0(50/0.16TCID2.3*2c red black+AL+70/0.10TC Winding shield)80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	1.0 mm²
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 50/0.16TC±2
	COLOR	tn colour
INSULATION	AVG . THICK	0.4954mm
	MIN . THICK	04722.mm
	DIAMETER	ϕ2.3mm
	MATERIAL	PE+color concentrate
	COLOR	red black
SHIELDED	MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	SP70/0.10TC±4
JACKET	AVG . THICK	0.8001mm
	MIN . THICK	0.7652mm
	DIAMETER	7.0mm±0.15
	MATERIAL	80A PU cold-proof-40℃ PU
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB02.2201



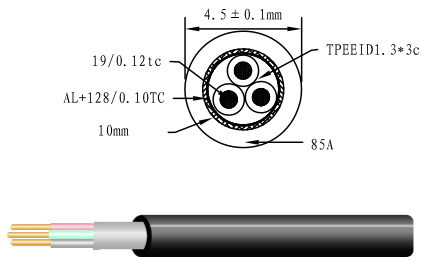
SPECIFICATION	ϕ4.8(17/0.16TCID1.2*2C white green +AL+braided 96/0.10TC+PT)80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	22AWG
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 17/0.16TC
	COLOR	tn colour
INSULATION	AVG . THICK	0.2021mm
	MIN . THICK	0.1985mm
	DIAMETER	1.2mm±0.05
	MATERIAL	PE
	COLOR	white green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+braided96/0.10TC±6
JACKET	AVG . THICK	1.855mm
	MIN . THICK	1.542mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A PU cold-proof-40℃ PU
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB03.1802



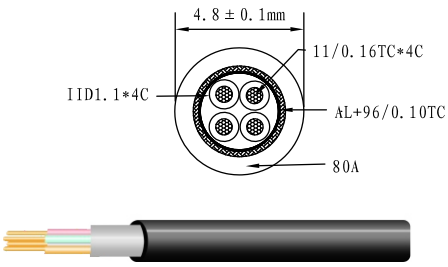
SPECIFICATION	ϕ5.5(37/0.16TCID1.7*3c red black yellow +AL+ 96/0.10braided)80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	0.75mm *3c
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	& 37/0.16TC±1
	COLOR	tn colour
INSULATION	AVG . THICK	0.3804mm
	MIN . THICK	0.3254mm
	DIAMETER	ϕ1.7±0.05
	MATERIAL	PE+color concentrate
	COLOR	red black yellow
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+96/0.10TC±6
JACKET	AVG . THICK	0.6800mm
	MIN . THICK	0.6542mm
	DIAMETER	5.5mm±0.1
	MATERIAL	80A PU cold-proof-40℃ PU
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.HPU.N03.2401



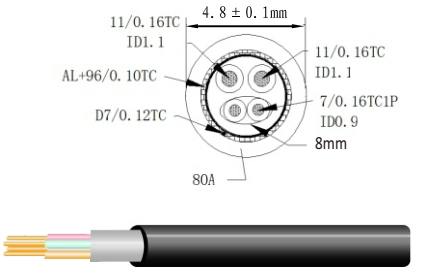
SPECIFICATION	ϕ4.5(19/0.12TCID1.3*3c black brown blue +AL+ 128/0.10TC braided+PT)85A Flame-retardant High-temperature-resistance 120℃ PU black	
CONDUCTOR	SIZE	24AWG*3c
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	& 19/0.12TC
	COLOR	tn colour
INSULATION	AVG . THICK	0.34mm
	MIN . THICK	0.3mm
	DIAMETER	ϕ1.3±0.05
	MATERIAL	TPEE+color concentrate
	COLOR	black brown blue
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	15MMAL+16/8/0.10TCbraided
JACKET	AVG . THICK	0.65mm
	MIN . THICK	0.6mm
	DIAMETER	4.5mm±0.1
	MATERIAL	85A Flame-retardant High-temperature-resistance 120℃ PU black
MARKING	COLOR	matt lack colour
	no leter printed on the cable surface	

ZC.PUB04.2401



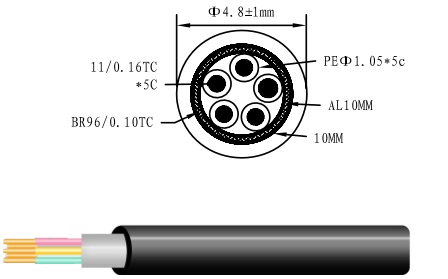
SPECIFICATION	ϕ4.8(11/0.16TC*4C red yellow black green PE+AL+96/0.10TC+PT)80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	&11/0.16
	COLOR	tn colour
INSULATION	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	ϕ1.1mm±0.05
	MATERIAL	PE
	COLOR	red yellow black green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	8mmAL+96/0.010TC±5+10mmPT
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A PU cold-proof-40℃
	COLOR	black colour
MARKING	no leter printed on the cable surface	

ZC.PUB04.2426



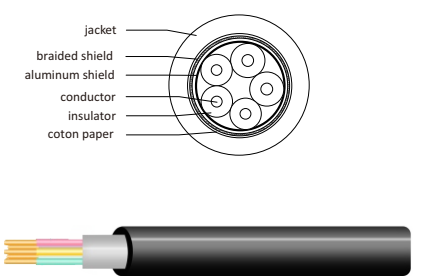
SPECIFICATION	ϕ4.8(7/0.16TC*1P white green PE+AL+11/0.16TC*2CP red black +AL+D7/0.12TC+96/0.10TC)80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	26AWG & 24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	7/16 & 11/0.16
	COLOR	tn colour
INSULATION	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	ϕ0.9mm & 1.1mm±0.05
	MATERIAL	PE
	COLOR	white green & red black
SHIELDED	MATERIAL	AL+Tin-Coated Copper
	CONSTRUCTION	8mmAL+16/6/0.10TC±6
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40℃ PU black
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB05.2401



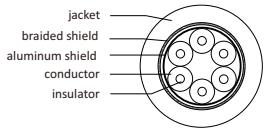
SPECIFICATION	ϕ4.8(11/0.16TC*1.1PE*5C red black white blue green+AL+BR96/0.10TC+PT) 80A cold-proof-40℃ PU black	
CONDUCTOR	SIZE	24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	11/0.16
	COLOR	tn colour
INSULATION	AVG . THICK	0.2135mm
	MIN . THICK	0.2085mm
	DIAMETER	ϕ1.05 ±0.05
	MATERIAL	PE
	COLOR	red black white blue green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	10mmAL +BR96/0.10±6 +PT
JACKET	AVG . THICK	1.275mm
	MIN . THICK	1.125mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40℃ PU black
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB05.2426



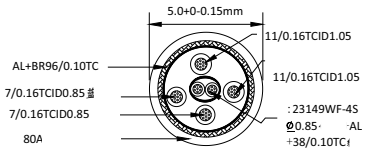
SPECIFICATION	(2C*24AWG black red+3C*26AWG green blue white+AL+B+P) PU-813/80A(Black) (Non-flame-retardant) (temperature-resistance：-40℃~+80℃)	
CONDUCTOR	SIZE	24AWG & 26 AWG
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	11/0.16&7/0.16
	STRANDED LAY	0.7INCH&0.6INCH
INSULATION	DIAMETER	ϕ2.05mm±0.05
	MATERIAL	HD-PE
	COLOR	black red green blue white
STRANDED	STRANDED LAY	60±10MM
	AL-FOIL SPECIFICATION	0.02*15MM(Conductve facing outside)
	OVERLAP RATE	Above 25%
SHIELDED	BRAIDED MATERIAL	16*6/0.10MM TA(12)(covering: 75%MIN)
	COTTON PAPER MATERIAL	0.04*20MM(covering:125%MIN)
JACKET	DIAMETER	4.8mm±0.1
	MATERIAL	PU-813/80A(Black) (Non-flame-retardant) (temperature-resistance：-40℃~+80℃)
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB06.2001



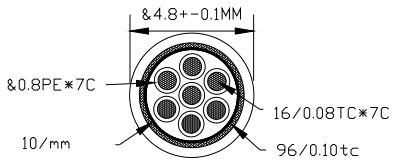
SPECIFICATION	(6C*0.5mm2black brown red orange yellow green+AL+B) PU-813/85A(Black) (flame-retardant) (temperature-resistance：-40℃~+80℃)	
CONDUCTOR	SIZE	0.5mm2
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	25/0.16mm
	STRANDED LAY	0.8INCH
INSULATION	DIAMETER	ϕ1.50±0.05MM
	MATERIAL	SR-PVC
	COLOR	black brown red orange yellow green
STRANDED	STRANDED LAY	100±10MM
	AL-FOIL SPECIFICATION	0.02*25MM(ant-surrounding)
	OVERLAP RATE	Above 25%
SHIELDED	MATERIAL	16*7/0.12MM TA (6)
	COVERING	65%MIN
JACKET	DIAMETER	7.00±0.20MM
	MATERIAL	(flame-retardant) (temperature-resistance：-40℃~+80℃)
	COLOR	half-matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB06.2426-1



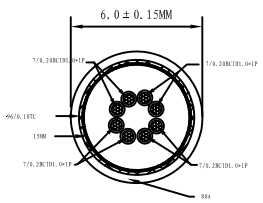
SPECIFICATION	ϕ5.0(11/0.16TC*1.05*2Cred black+7/0.16TC*0.85*1P white green+38/0.10TC Winding shield+7/0.16TC*0.85*2C blue yellow+AL+96/0.10TC) 80A cold-proof-40℃PU black	
CONDUCTOR	SIZE	26AWG & 24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	7/16 & 11/0.16
	COLOR	tn colour
INSULATION	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	ϕ0.9mm & 1.1mm±0.05
	MATERIAL	PE
	COLOR	white green & red black
SHIELDED	MATERIAL	AL+Tin-Coated Copper
	CONSTRUCTION	8mmAL+16/6/0.10TC±6
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40℃PU black
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB07.2801



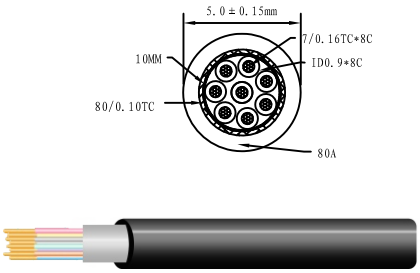
SPECIFICATION	ϕ4.8<16/0.08TC ID0.8*7C)+AL+96/0.10TC braided >80A cold-proof-40°CPU black	
CONDUCTOR	SIZE	28AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	16/0.08TC
	COLOR	tn colour
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	ϕ0.8±0.05mm
	MATERIAL	PE
	COLOR	white black blue green browm red yellow
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL +braided96/0.10TC
JACKET	AVG . THICK	0.8120mm
	MIN . THICK	0.7921mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40℃PU black
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB08.2603



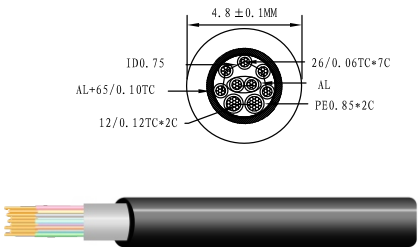
SPECIFICATION	ϕ6.0(8C HSYV +AL+96/0.10TCV braided+PT) OD6.0 cold-proof-40℃PU	
CONDUCTOR	SIZE	
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	&7/0.2BC
	COLOR	tn colour
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	ϕ1.0±0.05mm
	MATERIAL	PE+color concentrate
	COLOR	yellow white+yellow bule white+blue green white+ green brown white+brown
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+96/0.10TC braided
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	DIAMETER	6.0±0.15mm
	MATERIAL	80A PU cold-proof-40℃ PU
	COLOR	matt lack colour
MARKING	no leter printed on the cable surface	

ZC.PUB08.2601



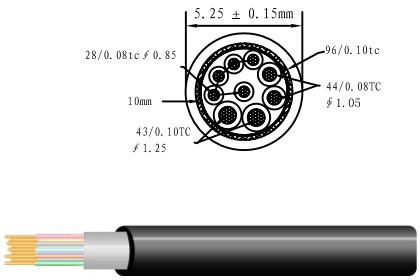
SPECIFICATION	ϕ5.0,7/0.16BC ID0.9*8C+AL+80/0.10 braided +coten gray colour cold-proof-40℃ PU	
CONDUCTOR	SIZE	26AWG
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	&7/0.16TC
	COLOR	Bare copper
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	ϕ 0.9±0.05mm
	MATERIAL	HDPE
	COLOR	white black purple grey orange brown red yellow
SHIELDED	MATERIAL	Bare copper
	CONSTRUCTION	AL+80/0.10BC
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	DIAMETER	5.0mm±0.15
	MATERIAL	80A cold-proof-40℃ PU gray
	COLOR	gray
MARKING	no leter printed on the cable surface	

ZC.PUB09.2628



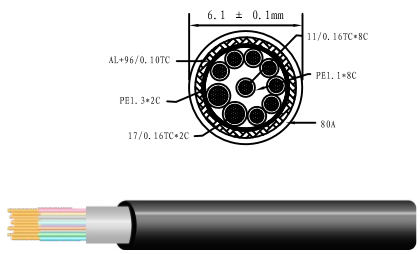
SPECIFICATION	ϕ4.8(12/0.12TC*0.85PE*2C+26/0.06TC*0.65PE*1P+AL+5C+AL+65/0.10TC+PT)cold-proof-40℃ PU cable	
CONDUCTOR	SIZE	2*0.14mm²7*0.08mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	12/0.12 & 26/0.06
	COLOR	tn color
INSULATION	AVG . THICK	0.2435mm
	MIN . THICK	0.2185mm
	DIAMETER	∅0.85 & 0.65±0.05
	MATERIAL	PE
	COLOR	red,black,blue,purple,yellow, grey,orange,white,green
SHIELDED	MATERIAL	bare copper
	CONSTRUCTION	10mmAL+65/0.10TC braid+PT
JACKET	AVG . THICK	0.975mm
	MIN . THICK	0.925mm
	DIAMETER	∅4.8mm±0.1
	MATERIAL	cold- proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB09.2226



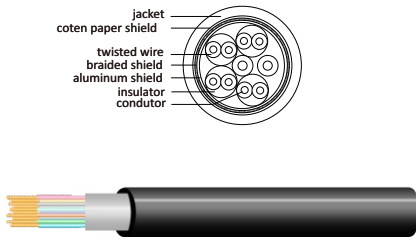
SPECIFICATION	ϕ5.2（43/0.10TC1..25+44/0.08TC1.05+28/0.08TC0.85) +AL+96/0.10BR cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*0.34mm²2*0.22mm+ 5*0.14mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	43/0.10TC 44/0.08TC 28/0.08TC
	COLOR	tn color
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	&1.25 &1.05 &0.85
	MATERIAL	PE
	COLOR	red,grey blue,brown,yellow, white,purple,green,orange
SHIELDED	MATERIAL	Tin-Coated copper
	CONSTRUCTION	AL+96/0.10TC braid
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	DIAMETER	∅5.25mm±0.25
	MATERIAL	cold- proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB10.2224



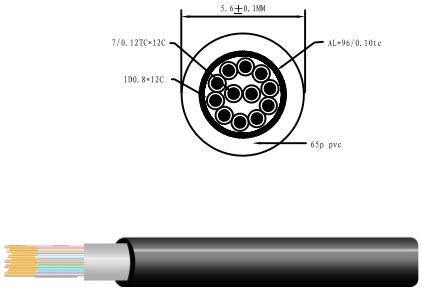
SPECIFICATION	ϕ6.1<(17/0.16TC ID1.3*2C+11/0.16ID1.1*8C) +AL+96/0.10TC braid > cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*0.34mm²8*0.2mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	17/0.16TC 11/0.16TC
	COLOR	17/0.16TC 11/0.16TC
INSULATION	AVG . THICK	0.2690mm
	MIN . THICK	0.2453mm
	DIAMETER	&1.3 &1.1±0.05mm
	MATERIAL	PE
	COLOR	red,black, white,purple,grey, orange,brown,yellow,blue, green
SHIELDED	MATERIAL	Tin-Coated copper
	CONSTRUCTION	AL+96/0.10TC braid
JACKET	AVG . THICK	0.6185mm
	MIN . THICK	0.6014mm
	DIAMETER	ϕ6.1mm±0.1
	MATERIAL	cold- proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB10.2601



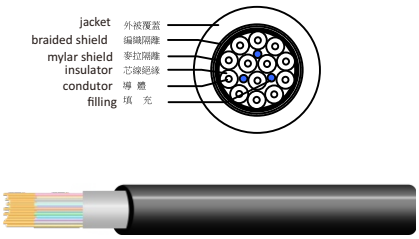
SPECIFICATION	ϕ7.0<4P*26AWG+2C*26AWG+AL+B+ P > cold-proof -40 ℃ PU cable	
CONDUCTOR	SIZE	10*0.14mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	7/0.165MM, 7/0.16MM
	COLOR	tn color
INSULATION	AVG . THICK	0.89MM
	MIN . THICK	0.87MM
	DIAMETER	&1.00±0.05MM
	MATERIAL	PE
	COLOR	red,back+blue*white blue orange*white orange green*white green brown*white brown
SHIELDED	MATERIAL	Tin-Coated copper
	CONSTRUCTION	0.020*18MM
JACKET	DIAMETER	ϕ7.00 0.20MM
	MATERIAL	cold- proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PVC.N12.2801



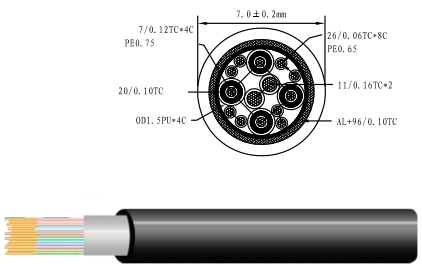
SPECIFICATION	ϕ5.6[7/12TC*0.8*12C]+AL+96/0.10TC) PVC cable	
CONDUCTOR	SIZE	12*0.08mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	7/0.12
	COLOR	tn color
INSULATION	AVG . THICK	0.2435mm
	MIN . THICK	0.2185mm
	DIAMETER	Φ0.8
	MATERIAL	PVC
	COLOR	red,black,white,green,blue,yellow, brown,orange,purple,grey,pink, light blue
SHIELDED	MATERIAL	Bare copper
	CONSTRUCTION	AL+96/0.10TC
JACKET	AVG . THICK	0.975mm
	MIN . THICK	0.925mm
	DIAMETER	ϕ5.6mm±0.15
	MATERIAL	PVC cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB13.2601



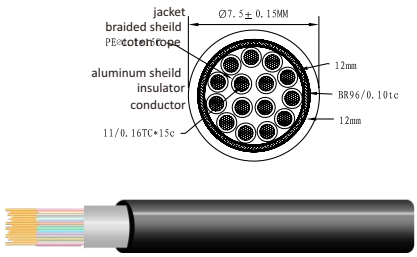
SPECIFICATION	ϕ6.6 (13C*26AWG+F+MY+B) VW-1 PU cable	
CONDUCTOR	SIZE	13*0.14mm ²
	SPECIFICATION MATERIAL	BA
	CONSTRUCTION	19/0.10MM
	COLOR	
INSULATION	DIAMETER	ϕ0.90±0.05MM
	MATERIAL	PE
	COLOR	Black,brown,red,orange,yellow, green,blue,purple,grey,white,black white, brown white, red white
SHIELDED	MATERIAL	Bare copper
	CONSTRUCTION	16*5/0.12MM TA
JACKET	DIAMETER	ϕ6.60±0.20MM
	MATERIAL	VW-1 PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB14.2428-T



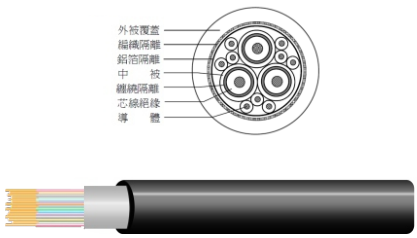
SPECIFICATIN	Φ7.0 (26/0.06*8c* Φ0.65+11/0.16tc*2c Φ1.1+(7/0.12tc Φ0.75 +sp20/0.10tc） Φ1.5+AL+ 96/0.10TC braid) cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*0.2mm²&8*0.14mm+ 4*0.08mm ² （50ohm）
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	26/0.06TC 11/0.16TC 7/0.12TC
	COLOR	tn color
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	&0.65 &1.1 &0.75±0.05mm
	MATERIAL	PE
	COLOR	white,red,black,yellow,green,blue, grey,brown, red black, red,yellow, brown,white
SHIELDED	MATERIAL	Tin-Coated copper
	CONSTRUCTION	20/0.10tc
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	DIAMETER	Φ7.0mm±0.25
	MATERIAL	cold-proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB15.2401



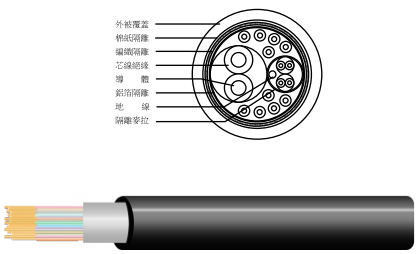
SPECIFICATIN	ϕ7.5(11/0.16TC*15C+AL+BR96/0.10TC+PT) cold-proof-40℃ PU cable	
CONDUCTOR	SIZE	15*0.2mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	& 11/0.16TC
	COLOR	tn color
INSULATION	AVG . THICK	0.2435mm
	MIN . THICK	0.2113mm
	DIAMETER	Φ1.1 0.05mm
	MATERIAL	PE
	COLOR	white, green, red, black, blue, yellow, brown, orange, purple, grey, glassy, glassy red, glassy yellow,glassy black
SHIELDED	MATERIAL	Tin-Coated copper
	CONSTRUCTION	AL+BR96/0.10TC±6 +PT
JACKET	AVG . THICK	0.7391mm
	MIN . THICK	0.6235mm
	DIAMETER	Φ7.5mm±0.15
	MATERIAL	cold-proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB15.2801-T



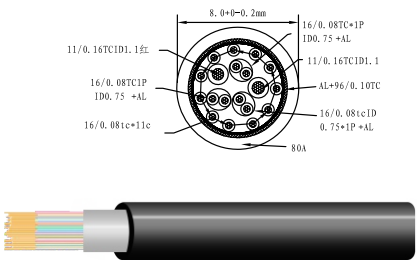
SPECIFICATIN	Φ8.0 (3C*UL1354(S)+9C*28AWG+AL+B/ UL2919) flammability VW-1 cold-proof -55℃ TPU cable	
CONDUCTOR	SIZE	9*0.08mm²3*0.08mm ²(75ohm)
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	& 11/0.16TC
	COLOR	TA
INSULATION	DIAMETER	Φ1.60±0.05MM / 0.85±0.05MM
	MATERIAL	FM-PE/SR-PVC
	COLOR	red,black,yellow,green,brown, blue,purple,orange, grey+coxial red,green,blue
SHIELDED	MATERIAL	TA
	CONSTRUCTION	16*9/0.12MM
JACKET	DIAMETER	Φ7.80 0.20MM
	MATERIAL	UL-813/70P cold-proof -40℃ PU cable
	COLOR	matt lack color
MARKING	E119932-U AWM 2919 80℃ 30V VW-1 LOW VOLTAGE COMPUTER CABLE COPARTNER	

ZC.TPU.N16.1401



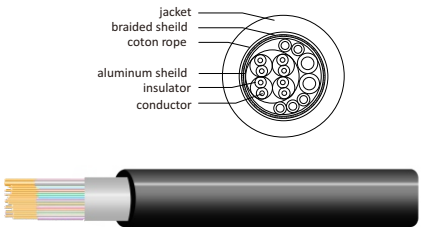
SPECIFICATIN	Φ12.0 (2P*26#+D+AL+MY)+(2C*14#+AL)+3C*24#+7C*26#+AL +B+P cold-proof -40°C PU cable	
CONDUCTOR	SIZE	2*2.0mm²3*0.2mm+ 7*0.14mm ² +4*0.14mm ²
	SPECIFICATION MATERIAL	BA + TA +TA+TA
	CONSTRUCTION	7/0.165MM 41/0.254MM 7/0.20MM 7/0.16MM
	COLOR	BA/TA
INSULATION	DIAMETER	0.87~0.90MM 2.80±0.10MM 1.10±0.05MM 1.0±0.05MM
	MATERIAL	HD-PE
	COLOR	red,black+purple grey white + red black brown orange yellow green blue + green* white green+brown / white brown
SHIELDED	MATERIAL	TA
	CONSTRUCTION	24*10/0.12MM TA + 0.040*40MM paper
JACKET	DIAMETER	Φ12.0 0.30MM
	MATERIAL	flammability VW-1 cold-proof -55℃ TPU-813 cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB19.2428-S



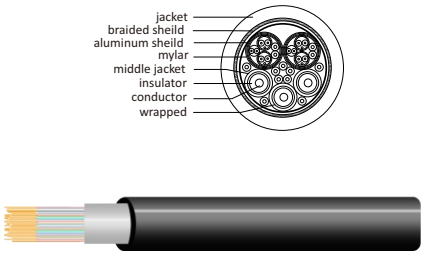
SPECIFICATIN	Φ8.0（11/0.16TC*1.1*2C+16/0.08TC*0.75*11C+16/0.08TC1P+AL+ 16/0.08TC1P+AL+16/0.08TC1P+AL）+AL+96/0.10TC) cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*2.0mm²17*0.08mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	11/0.16 & 16/0.08
	COLOR	tn color
INSULATION	AVG . THICK	0.2435mm
	MIN . THICK	0.2185mm
	DIAMETER	Φ1.1 Φ 0.75±0.05
	MATERIAL	PE
	COLOR	red,black+white,green,red,black,blue,yellow, brown,orange,purple,grey,pink+blue*yellow, green*white,purple*orange
SHIELDED	MATERIAL	Bare copper
	CONSTRUCTION	15mmAL+96/0.10TC braid+PT
JACKET	AVG . THICK	0.975mm
	MIN . THICK	0.925mm
	DIAMETER	Φ8.0mm±0.2
	MATERIAL	cold-proof -40℃ PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB20.3001-T



SPECIFICATIN	Φ8.0 (4P*28#+AL)*1C+2C*18#+5C*26#+ AL+B+P) PU-813/85A cable	
CONDUCTOR	SIZE	4*0.05mm²10*0.05mm +0.05mm(75ohm)
	SPECIFICATION MATERIAL	BA/TA/TA
	CONSTRUCTION	7/0.127MM 34/0.18MM 7/0.16MM
	COLOR	BA/TA/TA
INSULATION	DIAMETER	Φ0.75±0.05MM/1.80±0.05MM/0.70±0.05MM
	MATERIAL	HD-PE/SR-PVC/HD-PE
	COLOR	red,yellow,brown,orange+brown*white, blue*white,red*white, green*white,black*white+coxial white
SHIELDED	MATERIAL	TA
	CONSTRUCTION	16*8/0.12MM TA
JACKET	DIAMETER	8.00±0.20MM
	MATERIAL	PU-813/85A
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

ZC.PUB32.2830-T



SPECIFICATIN	Φ9.5 ((1C*30#+S)3C+9C*30#+{(1P*32#+DAM)2C+ 1P*32#+2C*28#+ABM}2C+AB) UL-813/70P PU cable	
CONDUCTOR	SIZE	2*0.08mm²3*0.05mm +9*0.05mm ²+6*0.03mm(75ohm)
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	(1C*30#+S)3C+9C*30#/{(1P*32#+DAM) 2C+1P*32#+2C*28#+ABM}2C
	COLOR	TA
INSULATION	DIAMETER	Φ1.30 0.05MM/1.30±0.05MM/0.55± 0.01MM/0.50±0.05mm/0.65±0.05MM
	MATERIAL	FM-PE/PP/FM-PE+SKIN/HD-PE
	COLOR	red,black+pink,light green,light blue+red, black,brown,orange,yellow,green,blue, purple,grey+yellow*blue,orange*purple, green*white
SHIELDED	MATERIAL	TA
	CONSTRUCTION	24*8/0.12MM TA
JACKET	DIAMETER	9.50±0.20MM
	MATERIAL	UL-813/70P PU cable
	COLOR	matt lack color
MARKING	no leter printed on the cable surface	

Product Safety Notce

PLEASE READ AND FOLLOW ALL INSTUCTIONS CAREFULLY AND CONSULT ALL RELEVENT NATIONAL AND INTERNATIONAL SAFETY REGULATIONS FOR YOUR APPLICATION.
IMPROPER HANDLING, CABLE ASSEMBLY, OR WRONG USE OF CONNECTORS CAN RESULT IN HAZARDOUS SITUATIONS.

1. SHOCK AND FIRE HAZARD

Incorrect wiring, the use of damaged components, presence of foreign objects (such as metal debris), and / or residue（such as cleaning fluids), can result in short circuits, overheaang, and / or risk of electric shock.
Mated components should never be disconnected while live as this may result in an exposed electric arc and local overheatng, resullng in possible damage to components.

2. HANDLING

Connectors and their components should be visually inspected for damage prior to installaton and assembly. Suspect components should be rejected or returned to the factory for verificaaon.
Connector assembly and installaton should only be carried out by properly trained personnel. Proper tools must be used during installaton and / or assembly in order to obtain safe and reliable performance.

3. USE

Connectors with exposed contacts should never be live (or on the current supply side of a circuit). Under general conditons voltages above 30 VAC and 42 VDC are considered hazardous and proper measures should be taken to eliminate all risk of transmission of such voltages to any exposed metal part of the connector.

4. TEST and OPERATING VOLTAGES

The maximum admissible operatng voltage depends upon the naaonal or internanonal standards in force for the applicaton in quesson. Air and creepage distances impact the operarng voltage; reference values are indicated in the catalog however these may be influenced by PC board design and / or wiring harnesses.
The test voltage indicated in the catalog is 75% of the mean breakdown voltage; the test is applied at 500 V/s and the test duraton is 1 minute.

5. CE MARKING

CE Marking is applied to a complete product or device, and implies that the device complies with one or several European safety directves.
CE Marking can not be applied to electromechanical components such as connectors.

6. PRODUCT IMPROVEMENTS

Beijing ZHYF Techonology Co. , LTD have the right to modify and improve to our products or specifications without providing prior notification