



MOCO®
PUSH-PULL CONNECTOR

Manufacturer of Connectors and Cable Assemblies

MOCO®
PUSH-PULL CONNECTOR

UNIPOLE & MULTIPOLE CONNECTORS



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Shenzhen MOCO Interconnect Co.,Ltd.

Company Profile

Shenzhen MOCO Interconnect Co., Ltd is a high-tech enterprise with nearly a decade experience of developing, designing and manufacturing push-pull self-locking connectors. With a number of authoritative patents, MOCO can supply eco-friendly, high quality connectors and best cable assembly solutions for you.

With 1500 square meters premises for research & development and production. Under the excellent management and great efforts of innovation for many years by MOCO team, we have developed a lot of popular products such as precision circular push-pull connector and YLH connector. MOCO connectors are of stable performance and attractive appearance which are interchangeable with international brands, widely used in the fields of measurement, medical, audio-video, military, navigation, security, aviation, industrial control, automotive and power etc.

We have got 6 utility patents and 6 design patents, and passed on CE & ISO9001:2008 certification. MOCO is to serve both old and new, domestic and overseas customers in a better way. MOCO--your reliable cooperater!



Reception



office



workshop

MOCO's Advantages

High quality well built products
Absolute competitive prices
Real SHORT lead time
Good after-sale service
Green products eco-friendly, RoHS compliant
We look forward to cooperating with you.
Contact us today!
We will be at your service sincerely!



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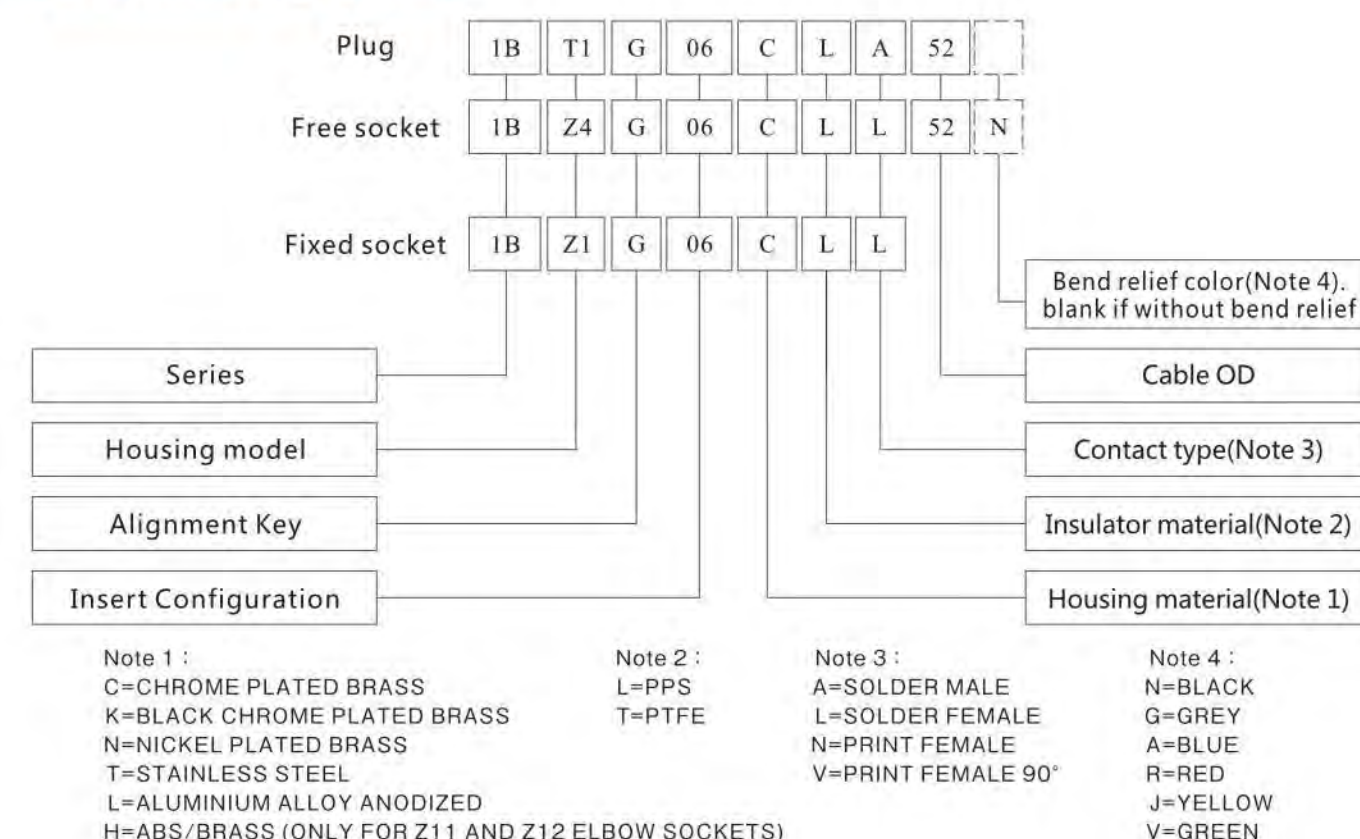
B Series

B Series connectors with the following main features:

1. Security of the push-pull self-latching system;
2. Multipole types 2 to 30 contacts;
3. Solder or PCB contacts (Straight or elbow);
4. High packing density for space saving;
5. Multiple key options to avoid cross mating of similar connectors
6. Keying system (G key standard) for connector alignment;
7. 360° screening for full EMC shielding.



Part Numbering System:



Part Number Example:

Straight plug with cable collet:

1BT1G06CLA52=1B series straight plug with key (G) and cable collet, multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder male contacts, collet for 5.0mm diameter cable.

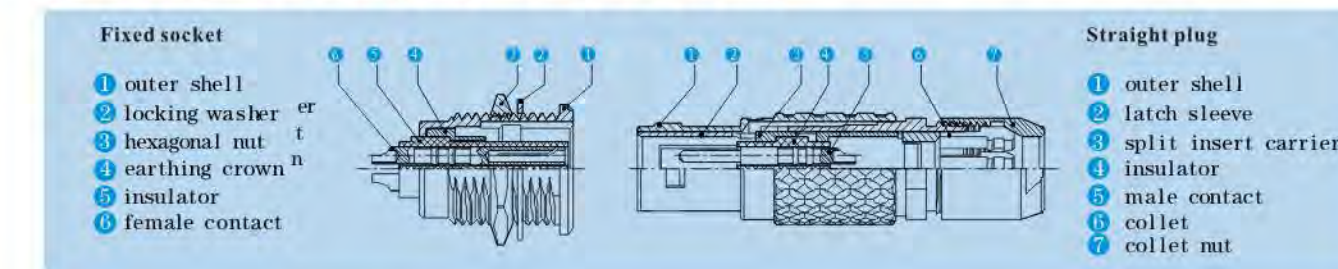
Free socket:

1BZ4G06CLL52N=1B series free socket with key (G) and cable collet, multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder female contacts, collet for 5.0mm diameter cable, and with a black bend relief.

Fixed socket:

1BZ1G06CLL=1B series fixed socket, nut fixing, with key (G), multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder female contacts.

Part Section Showing Internal Components



Housing Models

T1 PLUG

Standard straight plug, key (G) or keys (A...M and R), cable collet

Reference		Dimensions (mm)				
Series	Model	L	A	M	S2	S1
00	T1	28	6.5	20	6	5.5
0B	T1	36	9.5	26	8	8
1B	T1	43	12	32	9	10
2B	T1	50	15	38	13	13
3B	T1	57	18	42	15	16

T1 PLUG

Standard straight plug, key (G) or keys (A...M and R), cable collet and nut for fitting a bend relief

Reference		Dimensions (mm)				
Series	Model	L	A	M	S2	S1
00	T1	28	6.5	20	6	5.5
0B	T1	35	9.5	25	8	8
1B	T1	41	12	30	9	10
2B	T1	48	15	36	13	13
3B	T1	57	18	42	15	16

T2 PLUG

Fixed plug, non-latching, nut fixing, key (G) or keys (A...M and R)

Reference		Dimensions (mm)								
Series	Model	A	B	L	N	M	E	S1	S2	e
00	T2	8	10.2	18.1	15	9	2.9	6.3	9	M7*0.5
0B	T2	10	12.5	20.8	18.4	11.2	4.2	8.2	11	M9*0.5
1B	T2	14	15.8	25.2	22.6	12.5	5.4	10.5	14	M12*1.0
2B	T2	18	19.2	24.7	22.5	13.8	6.0	13.5	17	M15*1.0
3B	T2	22	25.4	32.1	29.1	17.0	5.8	16.5	22	M18*1.0

T3 PLUG

Elbow(90°) plug, key (G) or keys (A...M and R), cable collet

Reference		Dimensions (mm)							
		Series	Model	A	L	M	S1	S2	S3
0B	T3	11	30	20	9	8	8	23	
1B	T3	13.5	37	26	12	9	10	30.5	
2B	T3	16.5	41.5	29.5	15	13	13	34	
3B	T3	19	50	35	17	15	15	37	

T4 PLUG

Straight plug with lanyard for fast demating, key (G) or keys (A...M and R), cable collet

Reference		Dimensions (mm)							
		Series	Model	A	B	N	M	S2	S1
0B	T4	9.2	15.8	140	30	8	8		
1B	T4	12	18	140	34	9	10		
2B	T4	14.6	21	160	42	13	13		
3B	T4	18	25	190	42	15	16		

T5 PLUG

Straight break-apart plug without latching system, key (G) or keys (A...M and R), cable collet

Reference		Dimensions (mm)							
		Series	Model	L	A	M	S2	S1	
0B	T5	35	9.5	25	8	8			
1B	T5	41	12	30	9	10			
2B	T5	48	15	36	13	13			
3B	T5	57	18	42	15	16			

T6 PLUG

Sealed straight plug, key (G) or keys (A...M and R), cable collet, front seal and nut for fitting a bend relief (Protection degree IP54 when mated)

Reference		Dimensions (mm)							
		Series	Model	A	L	M	S2	S1	
0B	T6	11	35	25	8	8			
1B	T6	13.5	42	33	9	10			
2B	T6	16.5	48	36	13	13			
3B	T6	19	56.5	41.5	15	15			

T9 PLUG

Fixed plug,with latching device,nut fixing,key(G)or keys(A-L)

Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1
0B	T9	10	12.5	M*0.5	4.2	20.8	11.2	18.4	8.2	11	
1B	T9	14	15.2	M12*1.0	5.4	25.2	12.5	22.6	10.5	14	
2B	T9	18	19.2	M15*1.0	6.0	24.7	13.8	22.5	13.5	17	

Z1 SOCKET

Fixed socket, panel mount, nut fixing, key (G) or keys (A...M and R)

Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1
00	Z1	8	10.2	M7*0.5	6.0	15.9	1.0	13.7	6.3	9	
0B	Z1	10	12.5	M9*0.5	7	21.3	1.25	16.8	8.2	11	
1B	Z1	14	16	M12*1.0	7.5	23.2	1.5	18.7	10.5	14	
2B	Z1	18	19.2	M15*1.0	8.0	24.8	2	20	13.5	17	
3B	Z1	21	25.4	M18*1.0	11	30.7	2	25	16.5	22	

Z2 SOCKET

Fixed socket with two nuts, key (G) or keys (A...M and R)

Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1
00	Z2	10	10.2	M7*0.5	4.3	13.7	2.5	13.7	6.3	9	
0B	Z2	12	12.5	M9*0.5	5.5	21.3	2.5	16.8	8.2	11	
1B	Z2	16	16	M12*1.0	6.0	23.2	3.2	18.7	10.5	14	
2B	Z2	20	19.5	M15*1.0	6.5	24.8	3.5	20	13.5	17	
3B	Z2	24	25.4	M18*1.0	9	30.7	4.5	25	16.5	22	

Z2 SOCKET

Fixed socket with two nuts, key (G) or keys (A...M and R) and straight contact for PCB

Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1
0B	Z2	12	12.5	M9*0.5	5.5	4	2.5	16.8	8.2	11	
1B	Z2	16	16	M12*1.0	6.0	4	3.2	18.7	10.5	14	
2B	Z2	20	19.5	M15*1.0	6.5	4	3.5	20	13.5	17	
3B	Z2	24	25.4	M18*1.0	9	4.5	4.5	25	16.5	22	

Z2 SOCKET

Fixed socket with two nuts, key (G) or keys (A...M and R) and elbow(90°)contact for PCB

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	M	N	S1	S3	
0B	Z2	12	12.5	M9*0.5	2.5	2.5	16.8	8.2	11	
1B	Z2	16	16	M12*1.0	6.0	3.2	18.7	10.5	14	
2B	Z2	20	19.2	M15*1.0	6.5	3.5	20	13.5	17	
3B	Z2	24	25.4	M18*1.0	9	4.5	25	16.5	22	

Z3 SOCKET

Fixed socket, back panel mount, nut fixing, key (G) or keys (A...M and R)

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	L	M	N	S1	S4
00	Z3	8.5	10	M7*0.5	4	15.9	2.5	13.7	6.3	7.5
0B	Z3	11	12	M9*0.6	2.5	22	2.5	16.8	8.2	9
1B	Z3	14	16	M12*1.0	5	24	3.2	18.7	10.5	12
2B	Z3	18	20	M15*1.0	4.5	27.5	3.5	20	13.5	15
3B	Z3	24	25	M18*1.0	9	31	4.5	25	16.5	18

Z4 SOCKET

Free socket, cable mount, key (G) or keys (A...M and R), cable collet and nut for fitting a bend relief

		Reference		Dimensions (mm)			
	Model	L	A	S1	S2		
00	Z4	28.5	7.4	5.5	6		
0B	Z4	34.5	9.5	8	8		
1B	Z4	40	12	10	9		
2B	Z4	48	16.5	13	13		
3B	Z4	55	19	16	15		

Z5 SOCKET

Fixed socket with earthing tag, panel mount, nut fixing, key (G) or keys (A...M and R)

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	M	N	L	S1	S2
00	Z5	8	10.5	M7*0.5	6	1	13.6	15.9	6.3	9
0B	Z5	10	12.5	M9*0.5	7	1.25	16.8	21.3	8.2	11
1B	Z5	14	16	M12*1.0	7.5	1.5	18.7	23.2	10.5	14
2B	Z5	18	19.2	M15*1.0	8	2	20	24.8	13.5	17
3B	Z5	21	25.4	M18*1.0	11	2	25	30.7	16.5	22

Z6 SOCKET

Fixed socket with protruding shell, nut fixing, key (G) or keys (A...M and R)

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	M	L	S1	S2	
0B	Z6	11	12.3	M9*0.6	2	11	20	8.2	11	
1B	Z6	14	16	M12*1.0	4	11.75	19.5	10.5	14	
2B	Z6	18	19.2	M15*1.0	5.1	12.5	24	13.5	17	

Z7 SOCKET

Fixed socket, watertight or vacuum-tight, key (G) or keys (A...M and R)

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	M	L	S1	S2	
00	Z7	11	10	M7*0.5	6.0	2.5	18.6	6.3	9	
0B	Z7	13	12.7	M9*0.5	5.5	3	20.2	8.2	11	
1B	Z7	18	16	M12*1.0	6	5.2	26.6	10.5	14	
2B	Z7	20	19.5	M15*1.0	8	4	24.8	13.5	17	

Z8 SOCKET

Fixed socket, watertight or vacuum-tight, key (G) or keys (A...M and R) (watertight when mated)

		Reference		Dimensions (mm)						
Series	Model	A	B	e	E	M	L	S1	S2	
0B	Z8	13	12.7	M9*0.5	5.5	4.8	23.2	8.2	11	
1B	Z8	18	16	M12*1.0	6	5.2	30.3	10.5	14	
2B	Z8	22	19.5	M15*1.0	8	6	35.6	13.5	17	

Z9 SOCKET

Fixed socket, panel mount with cable collet, key (G) or keys (A...M and R)

Reference	Dimensions (mm)										
	Series	Model	A	B	M	S1	S2	E	S3	L	e
0B	Z9		10	12.3	1.2	11	8	7	8.2	35.5	M9*0.5
1B	Z9		14	16	1.5	14	9	7.5	10.5	40.5	M12*1.0
2B	Z9		18	19.2	2	17	13	8.5	13.5	47	M15*1.0
3B	Z9		21	25	2	22	15	11.5	16.5	56	M18*1.0

Z10 SOCKET

Fixed socket, with two nuts, panel mount with cable collet, key (G) or keys (A...M and R)

Reference	Dimensions (mm)										
	Series	Model	A	B	M	E	S1	S2	S3	L	e
0B	Z10		12	12.3	2.5	5	11	8	8.2	35.5	M9*0.5
1B	Z10		16	16	3.2	5	14	9	10.5	40.5	M12*1.0
2B	Z10		20	19.2	3.5	6.5	17	13	13.5	47	M15*1.0
3B	Z10		24	25	4.5	9	22	15	16.5	56	M18*1.0

Z13 SOCKET

Fixed socket, watertight or vacuum-tight, back panel mount, key (G) or keys (A...M and R)

Reference	Dimensions (mm)										
	系列	型号	A	B	M	E	S1	S2	P	L	e
0B	Z13		12	12	2.5	2.5	8.2	9	6.3	25	M9*0.5
1B	Z13		16	16	3.2	5	10.5	12	11	27	M12*1.0

Z11 SOCKET

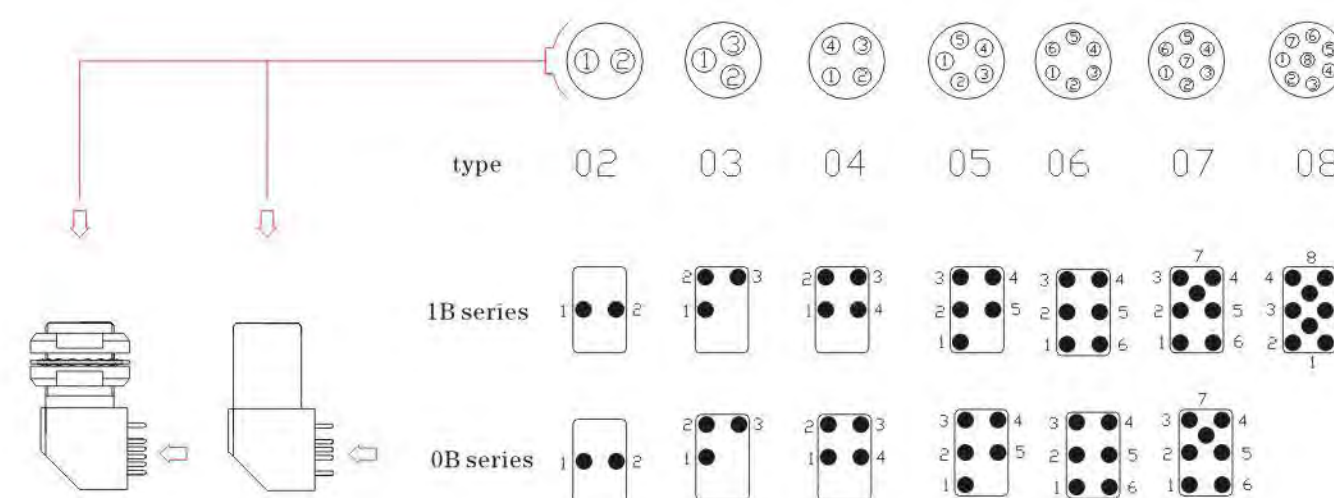
Elbow(90°)socket for printed circuit, key (G) or keys (A...M and R)

Reference	Dimensions (mm)									
	Series	Model	L	B	C	I	H	A	D	d
0B	Z11		25	13.3	11.7	12.7	6.7	9	14.6	0.7
1B	Z11		27	13.3	12.6	14	7.5	11	16.6	0.7

Z12 SOCKET

Elbow(90°)socket for printed circuit with two nuts, key (G) or keys (A...M and R)

Reference	Dimensions (mm)										
	Series	Model	L	K	e	N	I	H	A	E	S1
0B	Z12		25	13.3	M9*0.5	11.7	12.7	6.7	12	3.5	10.5
1B	Z12		27	13.3	M11*0.5	12.6	14	7.5	14	5.0	12



Alignment Key(B series)

Alignment Key and Polarized Keying System

Reference	Nb of keys	Angles	Series			Reference	Nb of keys	Angles	Series			Contact type	
			00	0B	1B				2B	3B	4B	Plug	Socket
G	1		0°	0°	0°	G	1		0°	0°	0°	male	female
A	2		30°	30°	30°	A	2		30°	30°	30°	male	female
B	2	α	60°	60°	60°	B	2	α	45°	45°	45°	male	female
C	2		—	90°	90°	C	2		60°	60°	60°	male	female
D	2		—	135°	135°	D	2	γ	95°	95°	95°	male	female
E	2	β	—	145°	145°	E	2	β	120°	120°	120°	male	female
F	2		—	155°	155°	F	2		145°	145°	145°	male	female
J	2		45°	45°	45°	J	2	α	37.5°	37.5°	37.5°	female	male
K	2	γ	—	70°	70°	K	2	α	52.5°	52.5°	52.5°	female	male
L	2		—	80°	80°	L	2	γ	70°	70°	70°	female	male
M	2	δ	—	110°	—	M	2	—	—	—	—	female	male
Y	3	—	—	—	—	Y	3	β	112.5°	126°	112.5°	male	female
		—	—	—	—			γ	100°	102°	147.5°		

Reference	Nb of keys	Angles	Series			Reference	Nb of keys	Angles	Series			Contact type	
			00	0B	1B				2B	3B	4B	Plug	Socket
R	5	α	—	—	—	R	5	α	—	—	—	male	female
		β	—	—	—			β	—	—	—		
		—	—	—	—			—	—	—	—		
		—	—	—	—			—	—	—	—		

K Series

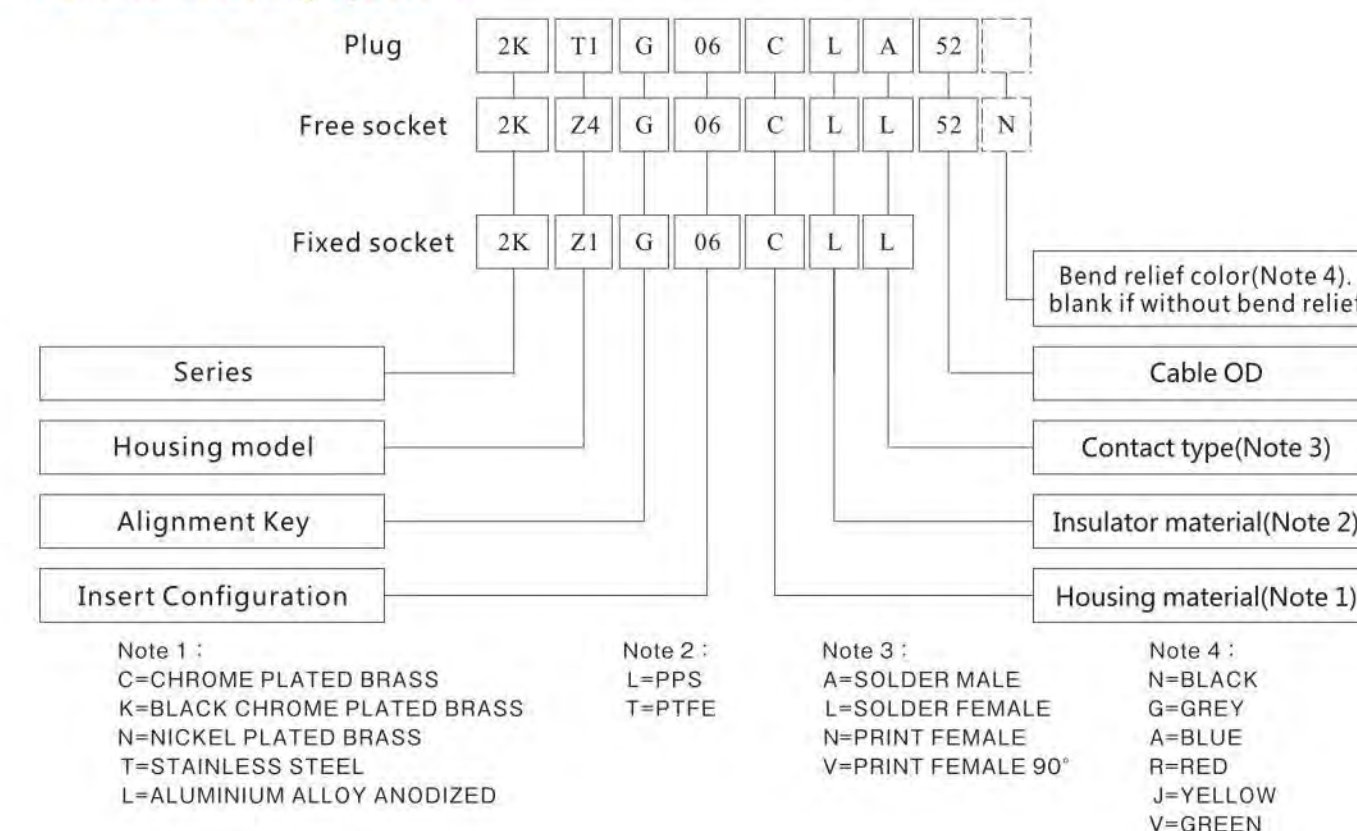
K series connectors are designed for out door applications. All models of this series are watertight when mated to give a protection degree IP68 when correctly assembled to an appropriate cable(otherwise IP66).

K series connectors have the same insulators as B series and have the following main features:

1. Security of the push-pull self-latching system;
2. Watertight connection(IP66-68);
3. Multipole types 2 to 26 contacts;
4. Solder or PCB contacts(Straight or elbow);
5. Keying system(G key standard) for connector alignment;
6. Multiple key options to avoid cross mating of similar connectors;
7. 360° screening for full EMC shielding.
8. High packing density for space saving;
9. Rugged housing for extreme working conditions.



Part Numbering System:



Part Number Example:

Straight plug with cable collet

2KT1G06CLA52N=2K series straight plug with key (G) and cable collet, multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder male contacts, collet for 5.0mm diameter cable.

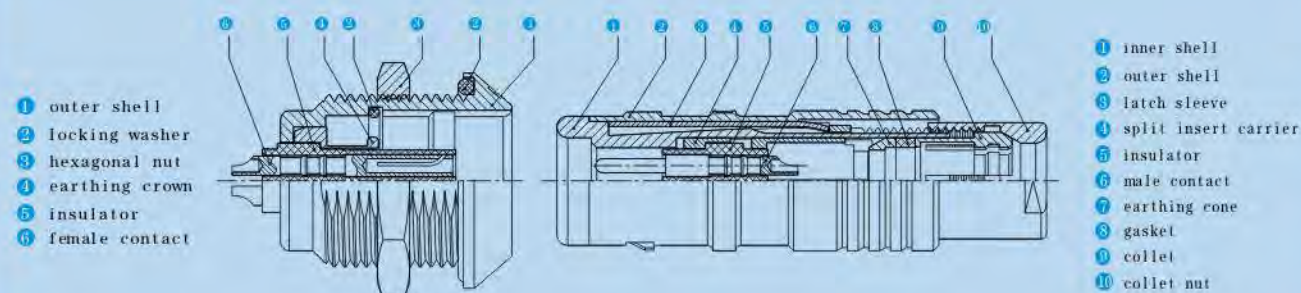
Free socket

2KZ4G06CLL52N=2K series free socket with key (G) and cable collet, multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder female contacts, collet for 5.0mm diameter cable, and with a black bend relief.

Fixed socket

2KZ1G06CLL=2K series fixed socket, nut fixing, with key (G), multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder female contacts.

Part Section Showing Internal Components



Housing Models

T1 PLUG

Straight plug, watertight, key (G) or keys (A to F, L and R), cable collet

Reference	Series	Model	Dimensions (mm)			
			A	L	M	S1
0K	T1		11	37.5	26.5	8
1K	T1		13	43	29	10
2K	T1		16	50	34	13
3K	T1		19	60	40	15

T1 PLUG

Straight plug, watertight, key (G) or keys (A to F, L and R), cable collet and nut for fitting a bend relief

Reference	Series	Model	Dimensions (mm)			
			A	L	M	S1
0K	T1		11	37.5	26.5	8
1K	T1		13	43	29	9
2K	T1		16	50	34	13
3K	T1		19	60	40	15

Z1 SOCKET

Fixed socket, watertight, nut fixing, panel mount, key (G) or keys (A to F, L and R)

Reference	Series	Model	Dimensions (mm)							
			A	B	e	E	L	M	N	S2
0K	Z1		18	19.2	M14*1.0	4.5	21.3	4	16	12.5
1K	Z1		20	22	M16*1.0	7.5	27.8	4.5	21.5	14.5
2K	Z1		25	27.7	M20*1.0	8.0	29	5	22	18.5
3K	Z1		31	34	M24*1.0	11	36.2	6	33.6	22.5

Z3 SOCKET

Fixed socket, watertight, nut fixing, back panel mount, key (G) or keys (A to F, L and R)

Reference	Series	Model	Dimensions (mm)							
			A	B	e	E	L	M	N	S1
0K	Z3		18	18	M14*1.0	3.5	22	2.5	16	12.5
1K	Z3		20	20	M16*1.0	6.0	27.8	3	21.5	14.5
2K	Z3		25	25	M20*1.0	5.5	29	3.5	22	18.5

Z3 SOCKET

Fixed socket, watertight, nut fixing, back panel mount, key (G) or keys (A to F, L and R) with straight contacts for PCB

Reference	Series	Model	Dimensions (mm)							
			A	B	e	E	M	N	S1	P
0K	Z3		18	18	M14*1.0	3.5	2.5	16	12.5	7
1K	Z3		20	20	M16*1.0	6.0	3	21.5	14.5	10
2K	Z3		25	25	M20*1.0	5.5	3.5	22	18.5	10

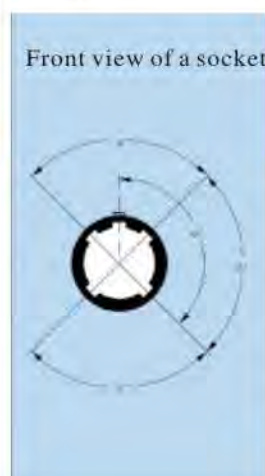
Z4 SOCKET

Free socket, watertight, cable mount, key (G) or keys (A to F, L and R), cable collet and nut for fitting a bend relief

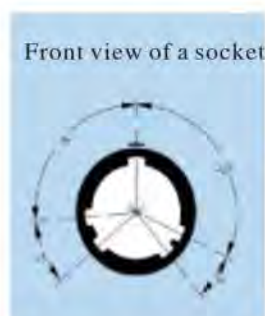
Reference	Series	Model	Dimensions (mm)		
			L	A	S2
0K	Z4		34	13	8
1K	Z4		45	15	9
2K	Z4		53	19	13
3K	Z4		65	23	15

Alignment Key(K series)

Alignment Key and Polarized Keying System



Reference	Nb of keys	Angles	Series					Contact type	
			0K	1K	2K	3K	4K	Plug	Socket
G	1		0°	0°	0°	0°	0°	male	female
A	2	α	30°	30°	30°	30°	30°	male	female
B	2		45°	45°	45°	45°	45°	male	female
C	2		60°	60°	60°	60°	60°	male	female
D	2	β	95°	95°	95°	95°	95°	male	female
E	2		120°	120°	120°	120°	120°	male	female
F	2		145°	145°	145°	145°	145°	male	female
L			75°	75°	75°	75°	75°	female	male



Reference	Nb of keys	Angles	Series					Contact type	
			0K	1K	2K	3K	4K	Plug	Socket
R	5	α	-	-	-	95°	-	male	female
		β	-	-	-	115°	-		
			-	-	-	35°	-		
			-	-	-	25°	-		

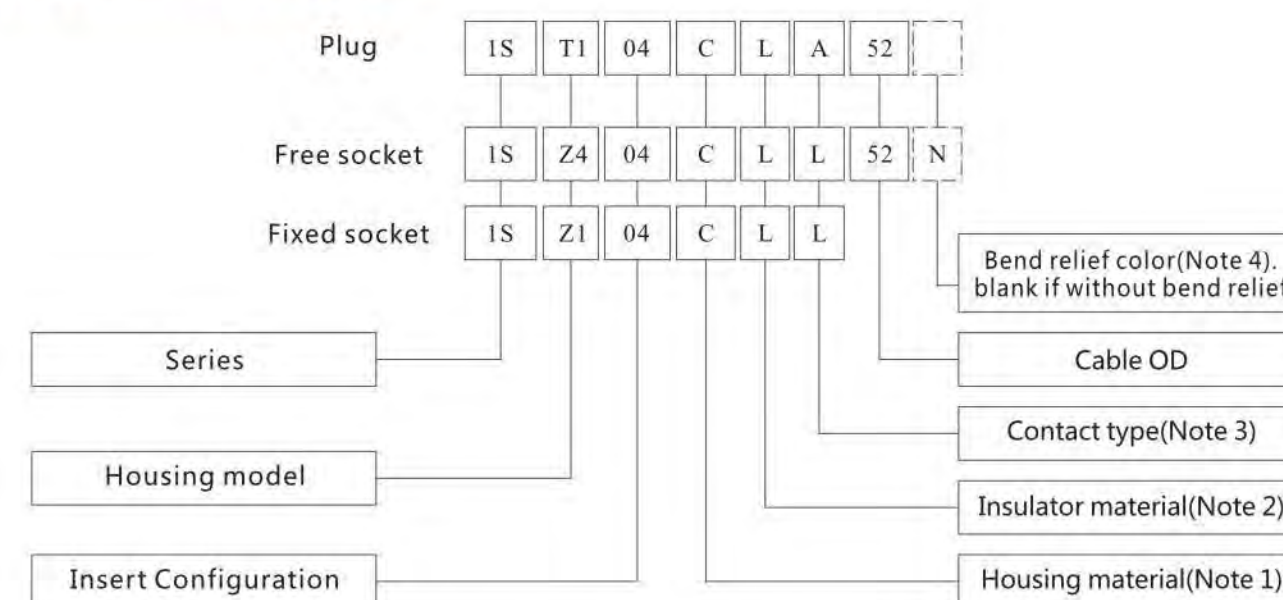
S Series

S series connectors with following main features:

1. Security of the push-pull self-latching system;
2. Solder or PCB contacts(Straight or elbow);
3. High packing density for space saving;
4. Polarization by stepped insert(half-moon) fitted with male and female contacts
5. 360° screening for full EMC shielding.



Part Numbering System:



Note 1 :
C=CHROME PLATED BRASS
K=BLACK CHROME PLATED BRASS
N=NICKEL PLATED BRASS
T=STAINLESS STEEL
L=ALUMINIUM ALLOY ANODIZED
H=ABS/BRASS (ONLY FOR Z11 AND Z12 ELBOW SOCKETS)

Note 2 :
L=PPS
T=PTFE

Note 3 :
A=SOLDER MALE
L=SOLDER FEMALE
N=PRINT FEMALE
V=PRINT FEMALE 90°

Note 4 :
N=BLACK
G=GREY
A=BLUE
R=RED
J=YELLOW
V=GREEN

Part Number Example:

Straight plug with cable collet

1ST104CLA52=1S series straight plug with cable collet, multipole type with 4 contacts, outer shell in chrome plated brass, PPS insulator, 2 male and 2 female solder contacts, collet for 5.0mm diameter cable.

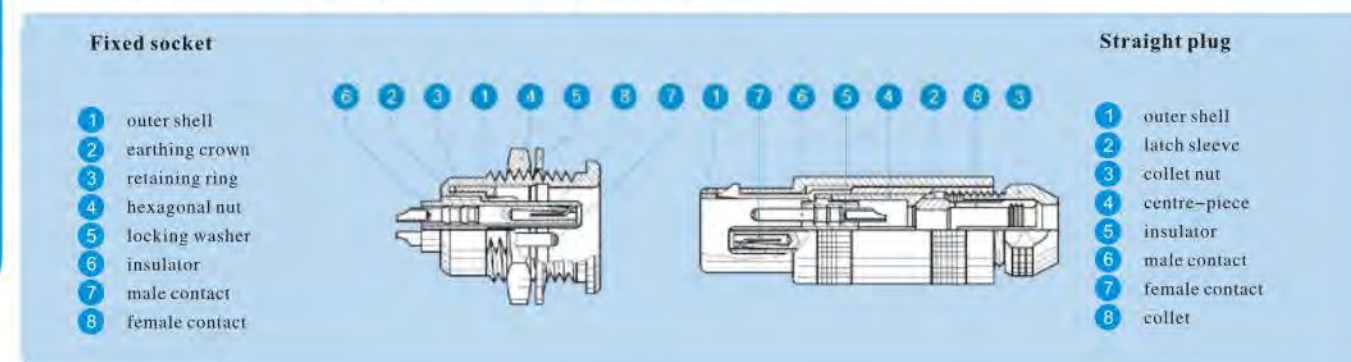
Free socket

1SZ404CL52N=1S series free socket with cable collet, multipole type with 4 contacts, outer shell in chrome plated brass, PPS insulator, 2 male and 2 female solder contacts, collet for 5.0mm diameter cable and with a black bend relief.

Fixed socket

1SZ104CLL= 1S series fixed socket, nut fixing, multipole type with 4 contacts, outer shell in chrome plated brass, PPS insulator, 2 male and 2 female solder contacts.

Part Section Showing Internal Components



Housing Models

T1 PLUG

Straight plug, with cable collet

		Reference		Dimensions (mm)			
Series	Model	A	L	M	S1		
0S	T1	8.8	34.5	24.5	6.5		
1S	T1	11.8	42.5	31.5	8.5		
2S	T1	14.8	52	40	11		

T1 PLUG

Straight plug, with cable collet and nut for fitting a bend relief

		Reference		Dimensions (mm)			
Series	Model	A	L	M	S1		
00	T1	6.4	26	18	6		
0S	T1	8.8	34.5	24.5	7.3		
1S	T1	11.8	39.5	28.5	9		
2S	T1	14.8	52	40	12		

T3 PLUG

Elbow(90°) plug, with cable collet

		Reference		Dimensions (mm)			
Series	Model	L	A	S1			
00	T3	17.5	9.5	~13.5			

Z1 SOCKET

Fixed socket, nut fixing

		Reference		Dimensions (mm)							
Series	Model	A	B	e	E	L	M	N	S1	S3	
00	Z1	8	10.2	M7*0.5	6	15.9	1	13.7	6.3	9	
0S	Z1	10	12.3	M9*0.5	7	19	1.2	17	8.2	11	
1S	Z1	14	16	M12*1.0	7.5	20.3	1.5	17.8	10.5	14	
2S	Z1	18	19.2	M15*1.0	8.0	24.8	2	24	13.5	17	

Z2 SOCKET

Fixed socket, with two nuts

		Reference		Dimensions (mm)							
Series	Model	A	B	e	E	L	M	N	S1	S3	
0S	Z2	12	12.5	M9*0.5	5.5	19	2.5	17	8.2	11	
1S	Z2	16	16	M12*1.0	6.0	20.3	3.2	17.8	10.5	14	
2S	Z2	20	19.5	M15*1.0	6.5	24.8	3.5	24.5	13.5	17	

Z3 SOCKET

Fixed socket, nut fixing, back panel mount

		Reference		Dimensions (mm)							
Series	Model	A	B	e	E	L	M	N	S1	S4	
0S	Z3	12	12.5	M9*0.6	5.5	19	2.5	17	8.2	11	
1S	Z3	16	16	M12*1.0	6.0	20.3	3.2	17.8	10.5	14	
2S	Z3	20	19.5	M15*1.0	6.5	24.8	3.5	24	13.5	17	

Z4 SOCKET

Free socket, cable mount, with cable collet and nut for fitting a bend relief

		Reference		Dimensions (mm)			
Series	Model	L	A	S1			
0S	Z4	34	9.5	7			
1S	Z4	40	12	9			
2S	Z4	46	16.5	12			

Z11 SOCKET

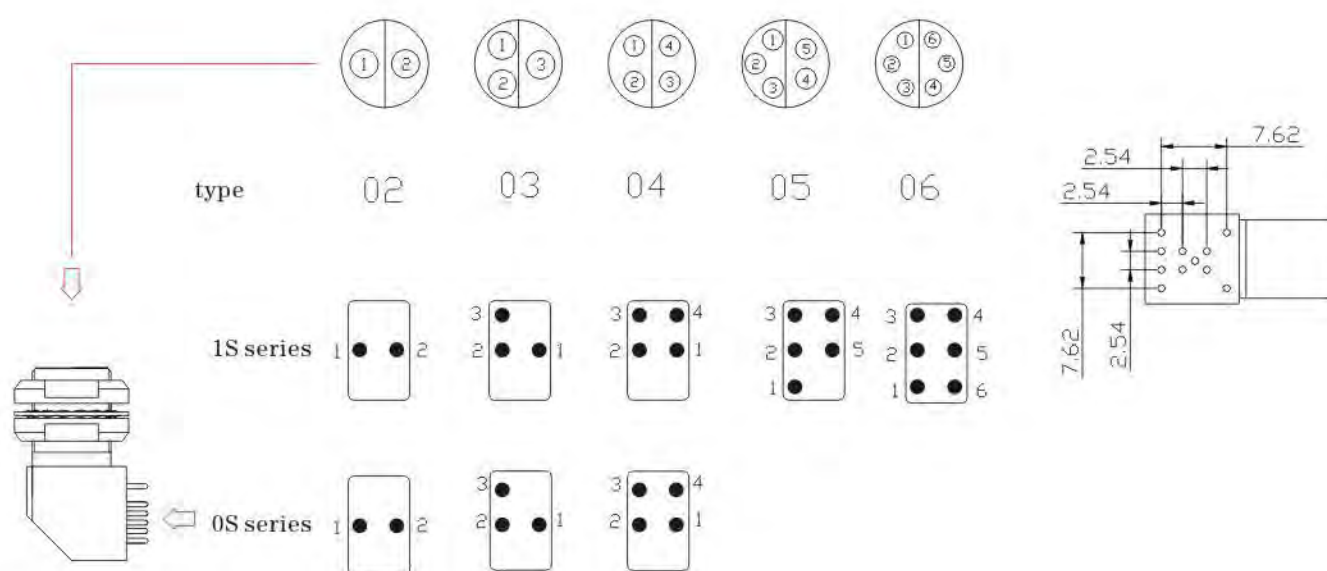
Elbow(90°)socket for printed circuit

Reference		Dimensions (mm)								
Series	Model	A	B	N	I	H	D	d	L	
0S	Z11	9	13.3	11.7	12.7	6.7	14.6	0.7	25	
1S	Z11	11	13.3	12.6	14	7.5	16.6	0.7	27	

Z12 SOCKET

Elbow(90°)socket for printed circuit with two nuts

Reference		Dimensions (mm)								
Series	Model	A	K	e	N	I	H	A	L	S1
0S	Z12	12	13.3	M9*0.5	11.7	12.7	6.7	12	25	10.5
1S	Z12	14	13.3	M11*0.5	12.6	14	7.5	14	27	12



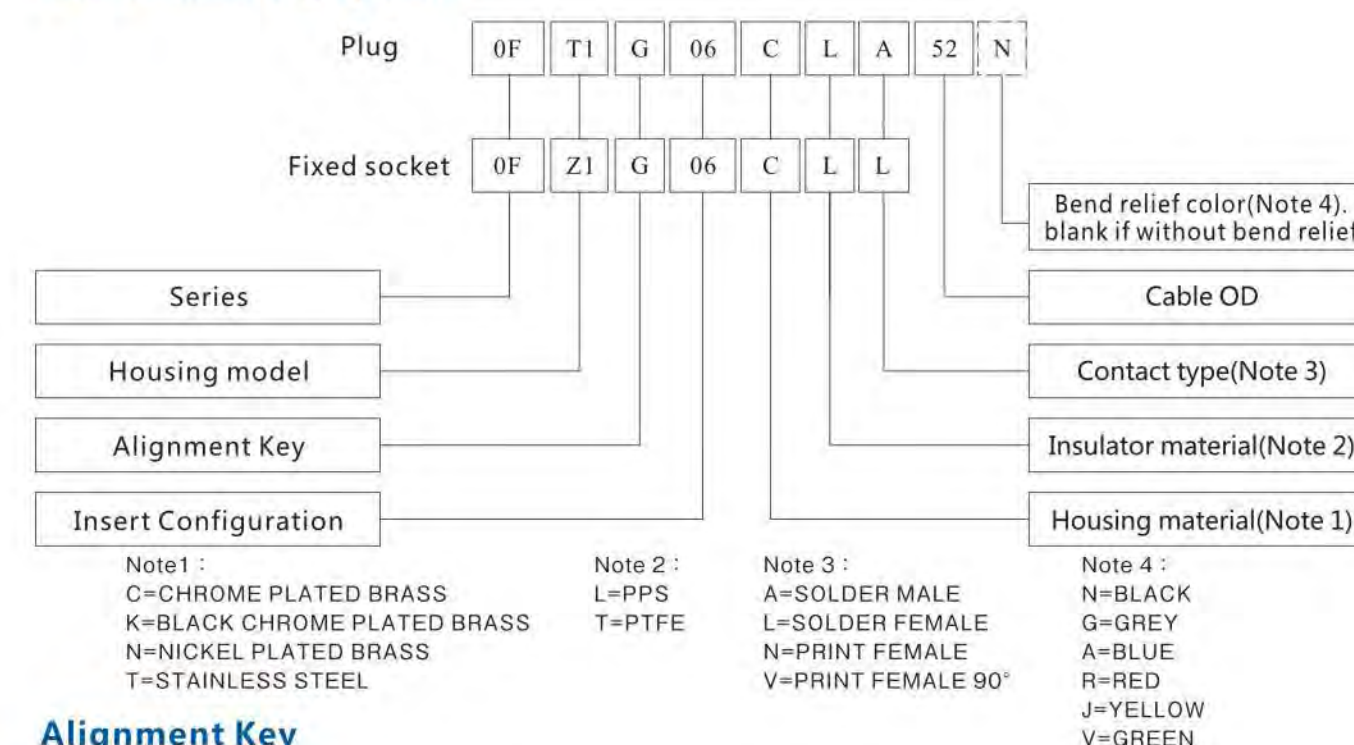
F Series

F series connectors with the following main features:

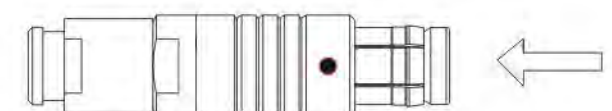
1. Security of the push-pull self-latching system;
2. Multipole type 2 to 19 contacts;
3. Solder or PCB contacts(Straight or elbow);
4. High packing density for space saving;
5. 360° screening for full EMC shielding;
6. Half-shell key to avoid cross mating;
7. Vacuum-tight socket suitable for vacuum equipments.



Part Numbering System:



Alignment Key

The location of the plug	legend	
	Single chip positioning	Double chip positioning
		
Key location code	G	A

Part Number Example:

Straight plug with cable collet

0FT1G06CLA52=0F series straight plug with single half-shell key(G) and cable collet, multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder male contacts, collet for 5.0mm diameter cable.

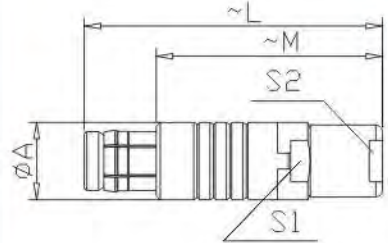
Fixed socket

0FZ13G06CLL=0F series fixed socket, nut fixing, with single half-shell key (G), multipole type with 6 contacts, outer shell in chrome plated brass, PPS insulator, solder female contacts.

Housing Models

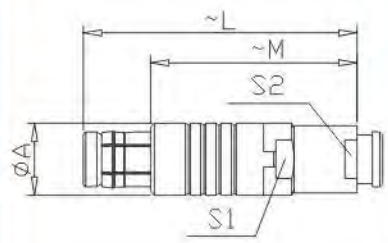
T1 PLUG

Straight plug, with half-shell key (G or A), cable collet

		Reference		Dimensions (mm)					
		Series	Model	L	A	M	S1	S2	
		0F	T1	38	9.5	28	8	8	
		1F	T1	48	12	38	9	10	
		2F	T1	54	15	41.5	13	13	
		3F	T1	58	18.7	28.8	16	17	

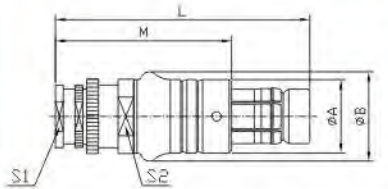
T1 PLUG

Straight plug, with half-shell key (G or A), cable collet and nut for fitting a bend relief

		Reference		Dimensions (mm)					
		Series	Model	L	A	M	S1	S2	
		0F	T1	36	9.5	26	8	8	
		1F	T1	45	12	34	9	10	
		2F	T1	54	15	41.5	13	13	
		3F	T1	44	18.7	28.8	16	17	

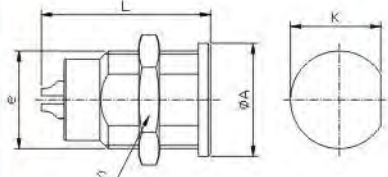
T7 PLUG

Short type straight plug, with half-shell key (G or A), cable collet and nut for overmolding

		Reference		Dimensions (mm)					
		Series	Model	L	A	M	S1	S2	
		0F	T7	32.5	9.4	22.5	7	8	
		1F	T7	32.8	11.8	25	11	11	

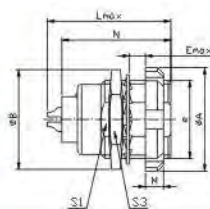
Z1 SOCKET

Fixed socket, panel mount, nut fixing, with half-shell key (G or A)

		Reference		Dimensions (mm)					
		Series	Model	L	A	K	S	e	
		0F	Z1	20.2	11	8.4	11	M9*0.5	
		1F	Z1	21.7	14	11.1	14	M12*1.0	

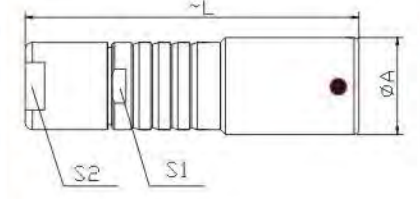
Z2 SOCKET

Two nuts fixed socket, with half-shell key (G or A)

		Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1	S3	
		0F	Z2	12	12.5	M9*0.5	5.5	21.3	2.5	16.8	8.2	11	
		1F	Z2	16	16	M12*1.0	6.0	23.2	3.2	18.7	10.5	14	

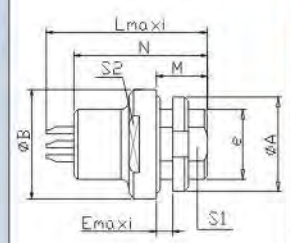
Z4 SOCKET

Free socket, cable mount, with half-shell key (G or A), cable collet

		Reference		Dimensions (mm)					
		Series	Model	L	A	S1	S2		
		0F	Z4	35	10	8.0	8.0		
		1F	Z4	43	13	10.0	9.0		

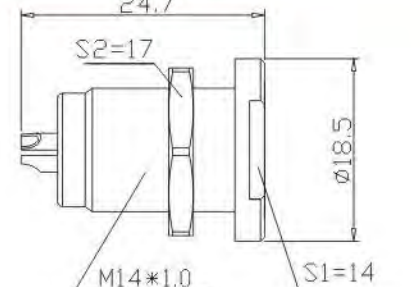
Z13 SOCKET

Fixed socket, vacuum-tight, back panel mount, with half-shell key (G or A)

		Reference		Dimensions (mm)									
		系列	型号	L	N	A	B	e	s	E	M		
		0F	Z13	21	17	12	14	M9*0.5	8.2	3	6		
		1F	Z13	24.7	21	18.8	19	M14*1.0	12.3	3	6		
		2F	Z13	25.1	21.6	20	22	M16*1	14.5	4	8		

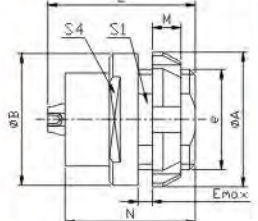
Z16 SOCKET

Fixed socket, vacuum-tight, panel mount, nut fixing, with half-shell key (G or A)

		Reference		Dimensions (mm)									
		Series	Model										
		1F	Z16										

Z20 SOCKET

Fixed socket, vacuum-tight, back panel mount, with half-shell key (G or A)

		Reference		Dimensions (mm)									
		Series	Model	A	B	e	E	L	M	N	S1	S4	
		0F	Z20	12	14.5	M9*0.5	3.5	17	2.5	17	8.2	11	
		1F	Z20	18.8	19	M14*1.0	4.0	20.6	3.2	20.6	12	14	

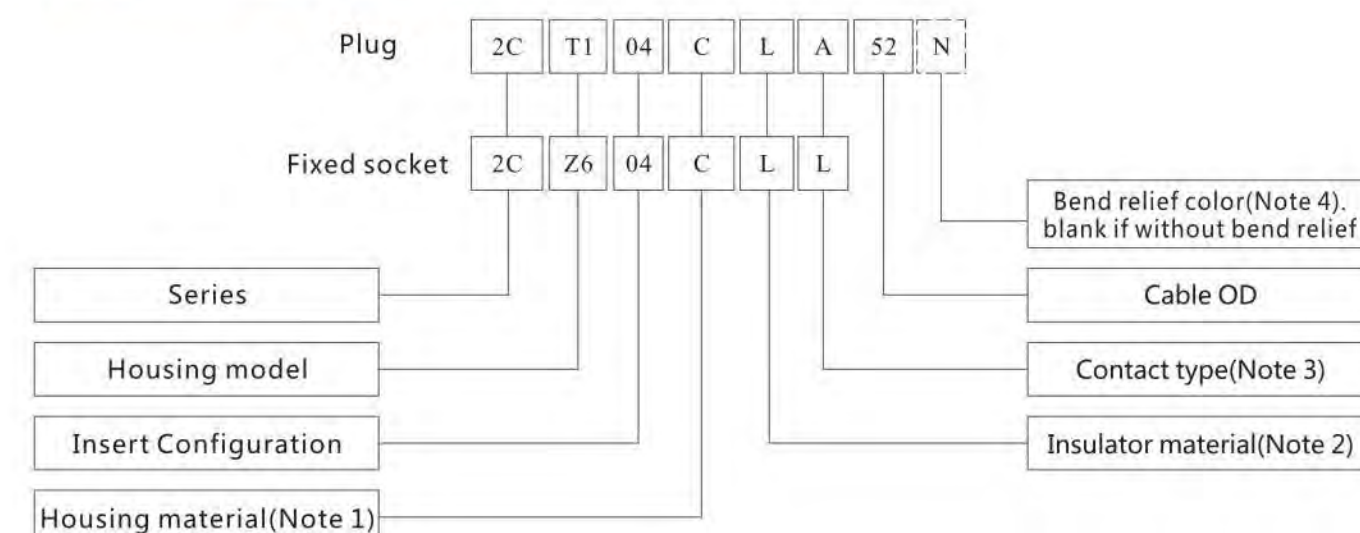
2C Series

2C series connectors with the following main features:

1. Security of the push-pull self-latching system;
2. Multipole type 2 to 12 contacts;
3. Shortened dimensions with high packing density for space saving;
4. 360° screening for full EMC shielding.
5. Polarization by stepped insert(half-moon) fitted with male and female contacts



Part Numbering System:



Note 1 :
C=CHROME PLATED BRASS
K=BLACK CHROME PLATED BRASS
N=NICKEL PLATED BRASS
T=STAINLESS STEEL

Note 2 :
L=PPS
T=PTFE

Note 3 :
A=SOLDER MALE
L=SOLDER FEMALE
N=PRINT FEMALE
V=PRINT FEMALE 90°

Note 4 :
N=BLACK
G=GREY
A=BLUE
R=RED
J=YELLOW
V=GREEN

Part Number Example:

Straight plug with cable collet

2CT104CLA52=2C series straight plug with cable collet, multipole type with 4 contacts, outer shell in chrome plated brass, PPS insulator, 2 male and 2 female solder contacts, collet for 5.0mm diameter cable.

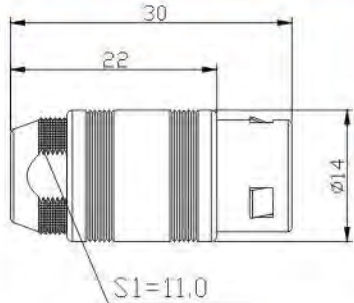
Fixed socket

2CZ604CLL=2C series fixed socket, multipole type with 4 contacts, outer shell in chrome plated brass, PPS insulator, 2 male and 2 female solder contacts.

Housing Models

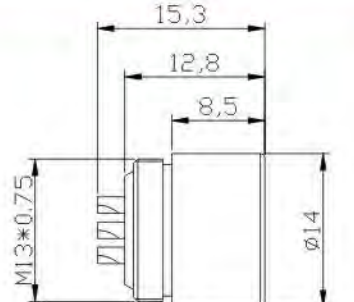
T1 PLUG

Short straight plug, with cable collet

	Reference		Dimensions (mm)
	Series	Model	
	2C	T1	

Z6 SOCKET

Fixed socket, protruding shell, screw fixing on panel

	Reference		Dimensions (mm)
	Series	Model	
	2C	Z6	

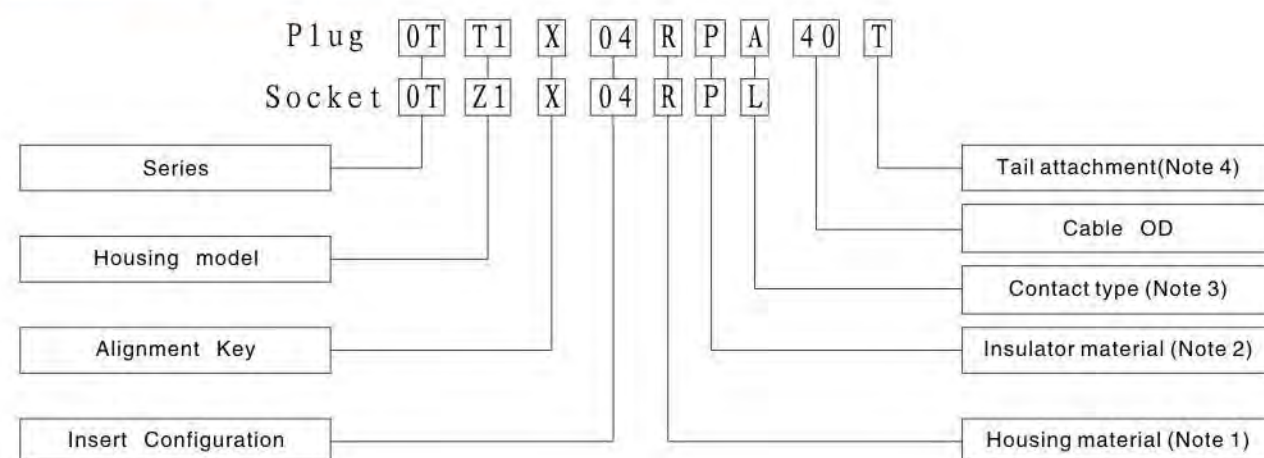
T Series

T series connectors are made conforming to AMS (American Military Standard). Those connectors with bayonet coupling mechanism have the features of convenient application, quick connection, high reliability and so on. They are widely used in signal and electronic connection of aviation, spaceflight, post and telecommunications, navigation and various kinds of electronic instruments.

T series connectors have the following main features:

1. bayonet type catch;
2. Multipole types 2 to 9 contacts;
3. quick insert and separation;
4. Solder or PCB contacts (straight or elbow);
5. Small size, high density and high reliability;
6. suited to tough work conditions

Part Numbering System:



Note 1:

R = BLACK ANODIZED ALUMINUM ALLOY (NON CONDUCTING SHELL)
N = ELECTROLESS NICKEL PLATING ON ALUMINUM ALLOY (CONDUCTIVE SHELL)
H = BLACK CHROMIUM PLATING ON ALUMINUM ALLOY (CONDUCTIVE SHELL)

Note 2:

P=PBT

Note 3:

A = SOLDER MALE
L = SOLDER FEMALE
N = PRINT FEMALE

Note 4:

T = SPRING TAIL
N = RUBBER TAIL

Part Number Example:

Plug with spring tail:

0TT1X04RPA50T=0T series plug with key(X) and spring tail, multipole type with 4 contacts, outer shell in black anodized, PBT insulator, solder male contacts, collet for 5.0mm diameter cable.

Nut fixed socket:

0TZ1X04RPL=0T series fixed socket with key(X), nut fixed, multipole type with 4 contacts, outer shell in black anodized, PBT insulator, solder female contacts.

Housing Models

T1 PLUG

Plug with spring tail, key (X) or key (Y)

Reference	Series	Model	Dimensions (mm)			
			A	M	L	B
0T	T1		13.9	53	76	16
1T	T1		17	54	76	18

Z1 SOCKET

Nut fixed socket, key (X) or key (Y)

Reference	Series	Model	Dimensions (mm)				
			A	E	e	K	B
0T	Z1		10.5	4	M12*1.0	11.2	17
1T	Z1		10.5	4	M14*1.0	13	19

Panel cut-outs

Reference	Series	Model	Dimensions (mm)	
			P	G
0T	Z1		11.3	12.1
1T	Z1		13.1	14.1

Alignment Key

Reference	Angles	Series	
		0T	1T
X	α	108°	105°
	β	35°	35°
	γ	92°	95°
	δ	50°	50°
Y	α	80°	80°
	β	44°	44°
	γ	40°	40°
	δ	72°	72°

P Series

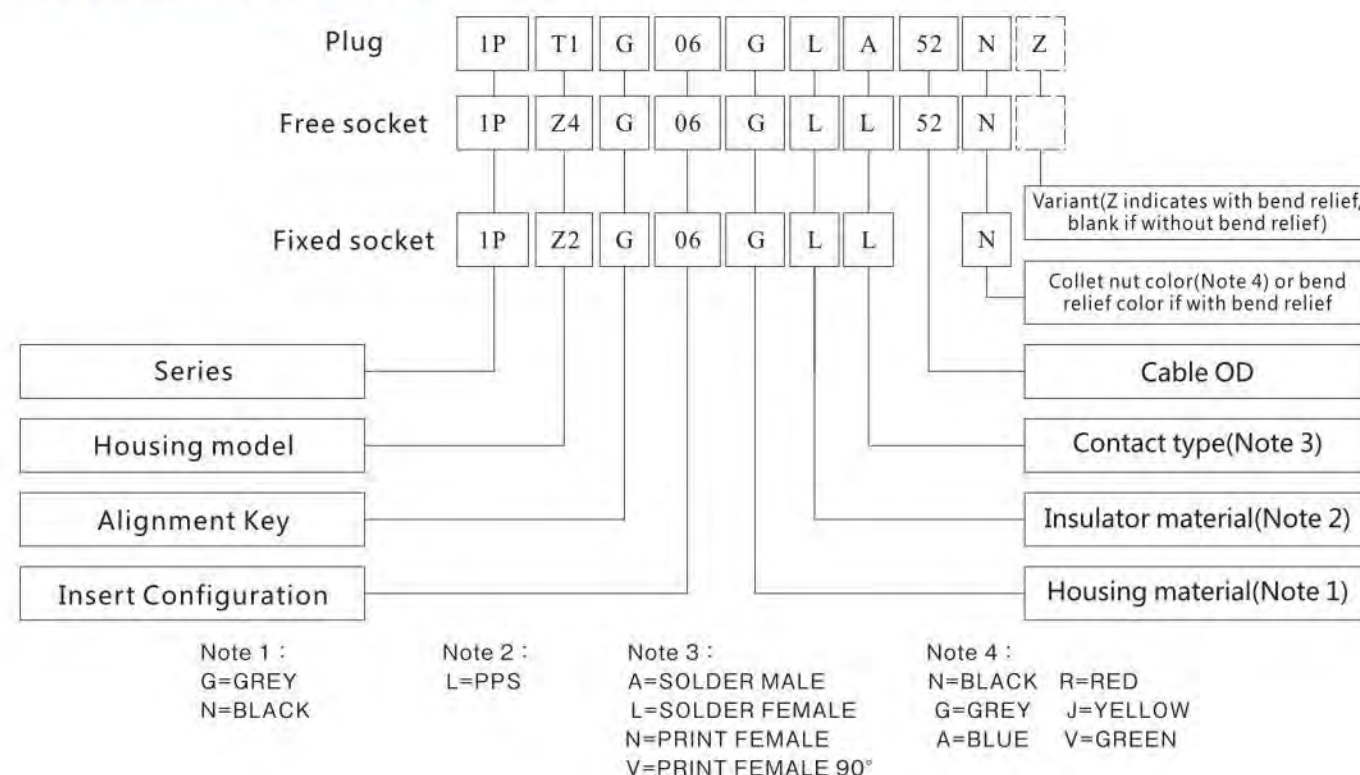
MOCO P series connectors are plastic Push-Pull connectors. They are widely used in electronic equipments, instruments & meters, LED display screen, and especially in medical devices, such as patient monitor, respirator, anesthetic machine, color Doppler ultrasound, BP monitor, Infrared therapeutic instrument, electrophysiology, TCD, electric knife, endoscopy, defibrillator, dental equipment, electric shock generator, MRI, etc.

P Series connector with the following main features:

1. Security of the push-pull self-latching system;
2. Multipole types 2 to 14 contacts;
3. Solder or PCB contacts (Straight or elbow);
4. High packing density for space saving;
5. Wide Choice of colors for easy identification (blue, yellow, red, black, grey, green);
6. Different keying to avoid cross mating.



Part Numbering System:



Part Number Example:

Straight plug with cable collet

1PT1G06GLA52NZ=1P series straight plug with key (G) and cable collet, multipole type with 6 contacts, grey out shell, PPS insulator, solder male contacts, collet for 5.0mm diameter cable, with a black bend relief.

Free socket

1PZ4G06GLL52N=1P series free socket with key (G) and cable collet, multipole type with 6 contacts, grey out shell, PPS insulator, solder female contacts, collet for 5.0mm diameter cable. And black collet nut.

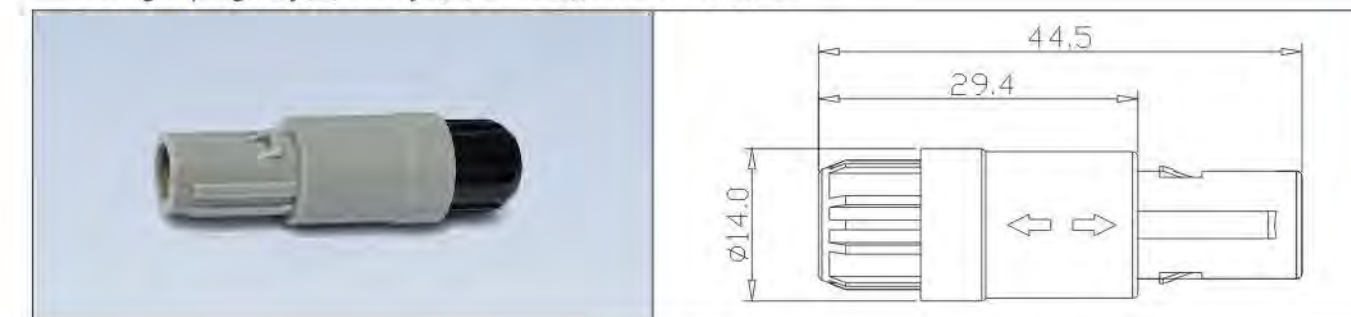
Fixed socket

1PZ2G06GLLN=1P series fixed socket, with two nuts and key (G), multipole type with 6 contacts, grey out shell, PPS insulator, solder female contact, and black plastic front nut.

Housing Models

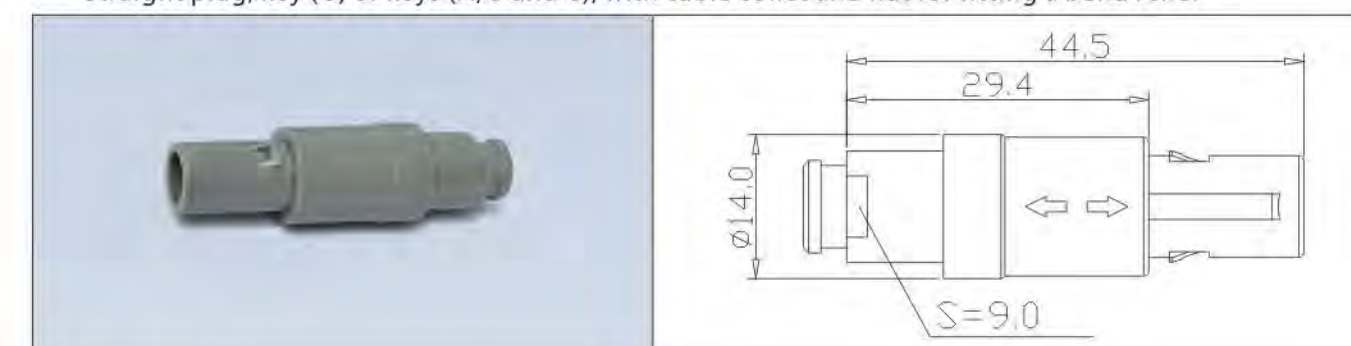
T1 PLUG

Straight plug, key (G) or keys (A, B and C), with cable collet



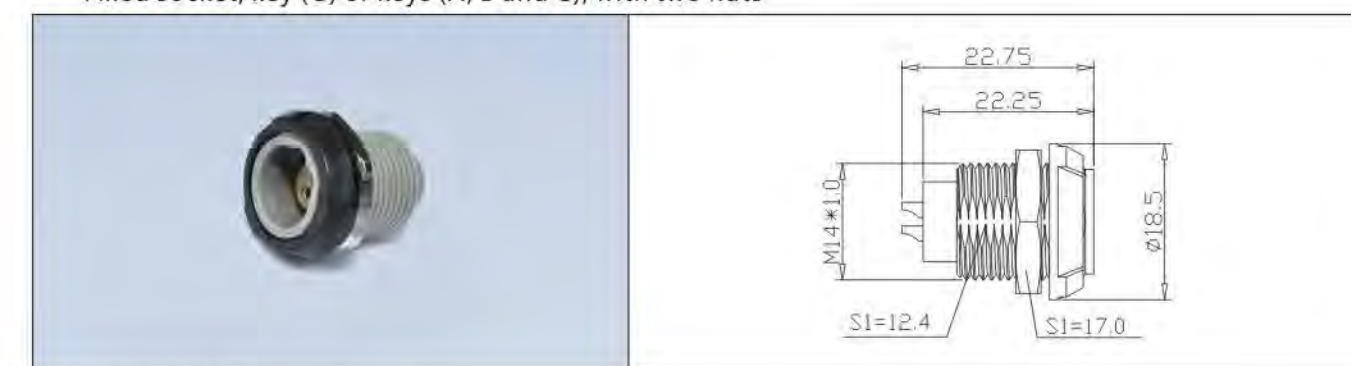
T1 PLUG

Straight plug, key (G) or keys (A, B and C), with cable collet and nut for fitting a bend relief



Z2 SOCKET

Fixed socket, key (G) or keys (A, B and C), with two nuts



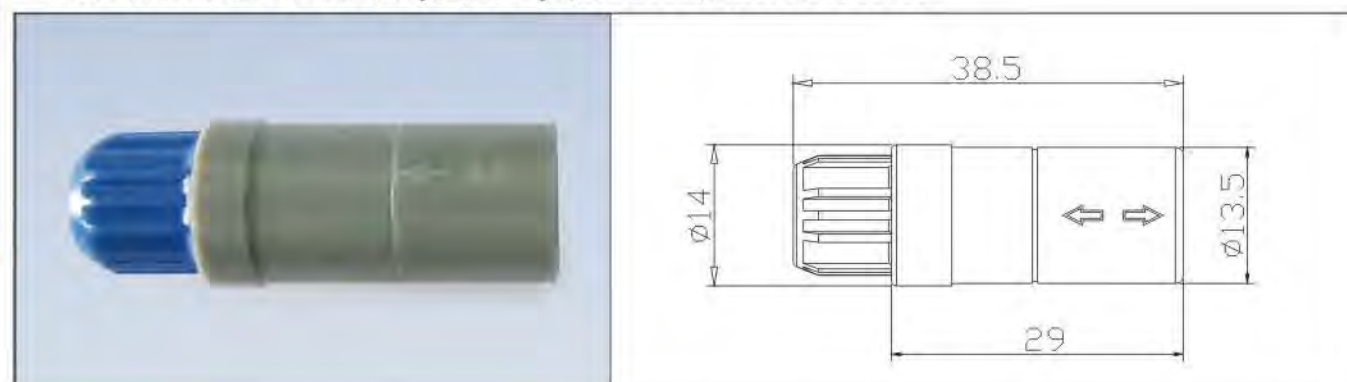
Z2 SOCKET

Fixed socket, key (G) or keys (A, B and C), with two nuts, with 90° contacts for PCB



Z4 SOCKET

Free socket, cable mount, key(G) or keys(A, B and C), with cable collet



Alignment key

Key of plug	Diagram			
	0°	40°	60°	80°
Key code	G	A	B	C

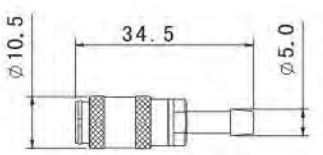
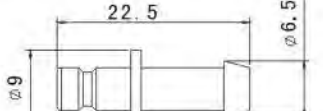
Color of collet nut(of plug) and front nut(of socket)

Color	Blue	Grey	Yellow	Black	Red	Green	White
Code	A	G	J	N	R	V	B

Cable Collet

Cable Collet Code	Suitable cable diameter
39	2.7-3.9mm
52	4.0-5.2mm
65	5.3-6.5mm

Metal NIBP Connectors

1	BP15			Female bayonet, Push-Pull connector for NIBP, mate with BP12
2	BP12			Male bayonet, Push-Pull connector for NIBP, mate with BP15

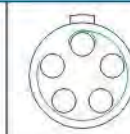
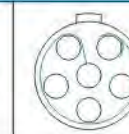
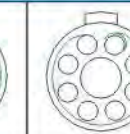
Insert configuration

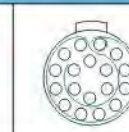
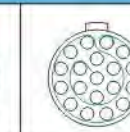
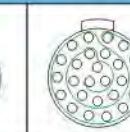
Series	00					
Insert configuration (Female)						
Number of contacts	2	3	4			
Contact Dia. (mm)	0.5	0.5	0.5			
Resistance(mΩ)	10	10	10			
Rated current(A)	5	3	2			
Test voltage(V)Contact-contact	1000	800	800			
Working voltage(V)	330	260	260			

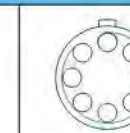
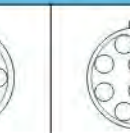
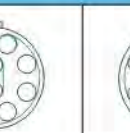
Series	0B-0K-0F						
Insert configuration (Female)							
Number of contacts	2	3	4	5	6	7	9
Contact Dia. (mm)	0.9	0.9	0.7	0.7	0.5	0.5	0.5
Resistance(mΩ)	6	6	7.5	7.5	10	10	10
Rated current(A)	10	8	7	6.5	2.5	2.5	2
Test voltage(V)Contact-contact	1000	875	875	750	750	750	600
Working voltage(V)	500	400	300	300	300	300	200

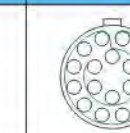
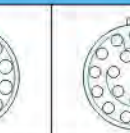
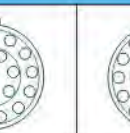
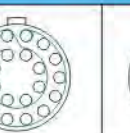
Series	1B-1K-1F					
Insert configuration (Female)						
Number of contacts	2	3	4	5	6	7
Contact Dia. (mm)	1.3	1.3	0.9	0.9	0.7	0.7
Resistance(mΩ)	5	5	6	6	7.5	7.5
Rated current(A)	15	12	10	9	7	7
Test voltage(V)Contact-contact	1500	1300	1300	1250	1050	950
Working voltage(V)	500	430	430	415	350	315

Series	1B-1K-1F					
Insert configuration (Female)						
Number of contacts	8	10	14	16		
Contact Dia. (mm)	0.7	0.5	0.5	0.5		
Resistance(mΩ)	7.5	10	10	10		
Rated current(A)	5	2.5	2	1.5		
Test voltage(V)Contact-contact	950	900	800	800		
Working voltage(V)	315	300	260	260		

Series	2B-2K						
Insert configuration (Female)							
Number of contacts	2	3	4	5	6	7	8
Contact Dia.(mm)	2.0	1.6	1.3	1.3	1.3	1.3	0.9
Resistance(mΩ)	3	4	5	5	5	5	6
Rated current(A)	25	17	15	14	12	11	10
Test voltage(V)Contact-contact	2100	2400	1850	1750	1350	1750	1500
Working voltage(V)	700	800	610	580	450	580	500

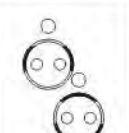
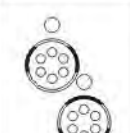
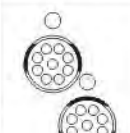
Series	2B-2K						
Insert configuration (Female)							
Number of contacts	10	12	14	16	18	19	26
Contact Dia.(mm)	0.9	0.7	0.7	0.7	0.7	0.7	0.5
Resistance(mΩ)	6	7.5	7.5	7.5	7.5	7.5	10
Rated current(A)	8	7	6.5	6	5.5	5	2
Test voltage(V)Contact-contact	1450	1250	1150	950	850	875	950
Working voltage(V)	500	480	380	315	280	280	315

Series	3B-3K					
Insert configuration (Female)						
Number of contacts	4	8	10	12	14	16
Contact Dia.(mm)	2.0	1.3	1.3	0.9	0.9	0.9
Resistance(mΩ)	3	5	5	6	6	6
Rated current(A)	19	13	12	9	9	8
Test voltage(V)Contact-contact	1500	1650	1250	1450	1200	1200
Working voltage(V)	550	550	415	450	400	395

Series	3B-3K					
Insert configuration (Female)						
Number of contacts	18	20	22	24	26	30
Contact Dia.(mm)	0.9	0.7	0.7	0.7	0.7	0.7
Resistance(mΩ)	6	7.5	7.5	7.5	7.5	7.5
Rated current(A)	7	6	5.5	4	4	3.5
Test voltage(V)Contact-contact	1200	1000	1000	950	950	800
Working voltage(V)	395	395	330	333	315	270

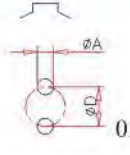
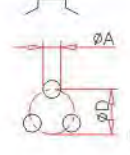
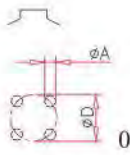
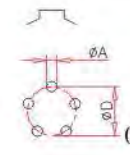
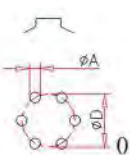
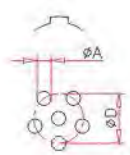
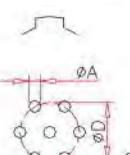
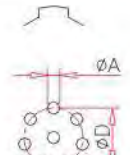
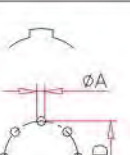
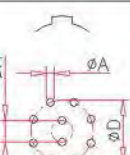
Series	0S		
Insert configuration (Female)			
Number of contacts	2	3	4
Contact Dia.(mm)	0.9	0.7	0.7
Resistance(mΩ)	6	7.5	7.5
Rated current(A)	10	7	7
Test voltage(V)Contact-contact	1500	1000	1000
Working voltage(V)	500	330	330

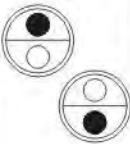
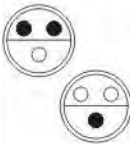
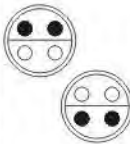
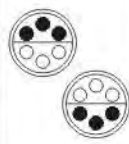
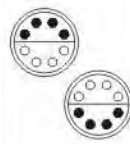
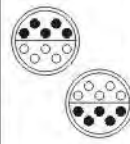
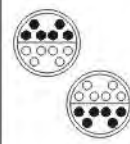
Series	1S					
Insert configuration (Female)						
Number of contacts	2	3	4	5	6	7
Contact Dia.(mm)	1.3	0.9	0.9	0.9	0.7	0.7
Resistance(mΩ)	5	6	6	6	7.5	7.5
Rated current(A)	15	10	10	10	7	7
Test voltage(V)Contact-contact	1250	1200	1200	1500	1500	1500
Working voltage(V)	450	450	400	500	500	500

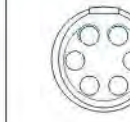
Series	0F							
Insert Configuration	Single half-shell plug Socket							
	Dual half-shells plug Socket							
Number of contacts		2	3	4	5	6	7	9
Contact Dia.(mm)		0.9	0.9	0.7	0.7	0.5	0.5	0.5
Resistance(mΩ)		6	6	7.5	7.5	10	10	10
Rated current(A)		10	8	7	6.5	2.5	2.5	2
Test voltage(V)Contact-contact		1300	1200	850	850	850	800	600
Working voltage(V)		430	400	280	280	280	260	200

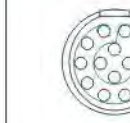
PCB drilling pattern

For B Series and K Series fixed socket with straight print contacts

Number of contact	Type	0B	1B	2B	Number of contact	Type	0B	1B	2B
	A	0.8	0.8	0.8		A	0.8	0.8	0.8
	D	2.2	2.8	4.4		D	2.3	3.0	4.6
	A	0.6	0.8	0.8		A	0.6	0.8	0.8
	D	2.5	3.4	5.0		D	2.8	3.4	5.2
	A	0.6	0.8			A			0.8
	D	3.0	3.7			D			5.6
	A	0.6	0.8	0.8		A		0.8	
	D	3.0	3.7	5.8		D		3.8	
	A			0.8		A		0.6	0.8
	D			6.4		H		1.4	2.15
						D		3.95	6.20
	A			0.8		A		0.6	0.8
	H			6.5		H		1.8	2.65
	D			2.8		D		4.4	6.5
	A			0.8		A			0.8
	H			3.10		H			3.50
	D			6.60		D			6.7

Series	2C						
Insert configuration (Female)							
Number of contacts	2	3	4	6	8	10	12
Contact Dia.(mm)	1.6	1.3	1.3	1.3	0.7	0.7	0.7
Resistance(mΩ)	4	5	5	5	7.5	7.5	7.5
Rated current(A)	20	15	15	12	7	7	5
Test voltage(V)Contact-contact	1800	1500	1800	1500	950	950	600
Working voltage(V)	600	500	600	500	315	315	200

Series	1P				
Insert configuration (Female)					
Number of contacts	2	3	4	5	6
Contact Dia.(mm)	1.3	1.3	0.9	0.9	0.7
Resistance(mΩ)	5	5	6	6	7.5
Rated current(A)	10	9	8	7	6
Test voltage(V)Contact-contact	1200	1200	1200	1050	1050
Working voltage(V)	500	500	500	500	450

Series	1P				
Insert configuration (Female)					
Number of contacts	7	8	9	10	14
Contact Dia.(mm)	0.7	0.7	0.5	0.5	0.5
Resistance(mΩ)	7.5	7.5	10	10	10
Rated current(A)	5	5	3	3	2
Test voltage(V)Contact-contact	1050	1050	850	850	600
Working voltage(V)	450	400	333	333	333

Accessories

Bend Relief

Series	Dimensions (mm)		
	L	D	A
0B-0K-0S-0F	24	8.8	See below table
1B-1K-1S-1F-1P	30	10.9	
2B-2K-2S-2F-2C-2P	36	14.3	
3B-3K-3S-3F	42	16.8	

A	Cable Φ	0B-0K-0S-0F	1B-1K-1S-1F-1P	2B-2K-2S-2F-2C-2P	3B-3K-3S-3F
25	2.5-2.9	●			
30	3.0-3.4	●	●		
35	3.5-3.9	●	●		
40	4.0-4.4	●	●	●	
45	4.5-5.0	●	●	●	
51	5.1-5.6		●	●	●
57	5.7-6.2		●	●	●
63	6.3-7.0		●	●	●
71	7.1-7.9		●	●	●
80	8.0-8.9			●	●
90	9.0-9.9			●	●
10	10.0-10.5				●

Bend Relief Color Code

Code	Color	Code	Color
N	Black	J	Yellow
G	Gray	V	Green
A	Blue		
R	Red		

For S Series fixed socket with straight print contacts

Number of contact	Type	0S	1S
02	A	0.8	0.8
	D	2.2	3.0
04	A	0.8	0.8
	D	2.8	3.5
06	A		0.8
	D		3.5

Panel cut-outs

series	project	00B	0B	1B	2B	3B	0K	1K	2K	0S	1S	0F	1F
		A	D	A	D	A	D	A	D	A	D	A	D
	A	6.4	8.3	10.6	13.6	16.6	12.6	14.6	18.6	8.3	10.6	8.3	12.1
	D	7.1	9.1	12.1	15.1	18.1	14.1	16.1	20.1	9.1	12.1	9.1	14.1

Cable collet



B Series

Code	Cable diameter(mm)	00	0B	1B	2B	3B
25	2.0-2.5	●	●			
30	2.6-3.0	●	●			
35	3.1-3.5	●	●	●		
40	3.6-4.0		●	●	●	
45	4.1-4.5		●	●	●	●
50	4.6-5.0		●	●	●	●
60	5.1-6.0			●	●	●
70	6.1-7.0			●	●	●
80	7.1-8.0				●	●
90	8.1-9.0				●	●
10	9.1-10.0				●	●



K Series

Code	Cable diameter(mm)	0K	1K	2K
40	3.6-4.0	●	●	
45	4.1-4.5	●	●	
50	4.6-5.0	●	●	●
60	5.1-6.0		●	●
70	6.1-7.0		●	●
75	7.1-7.5			●
80	7.6-8.0			●
85	8.1-8.5			●

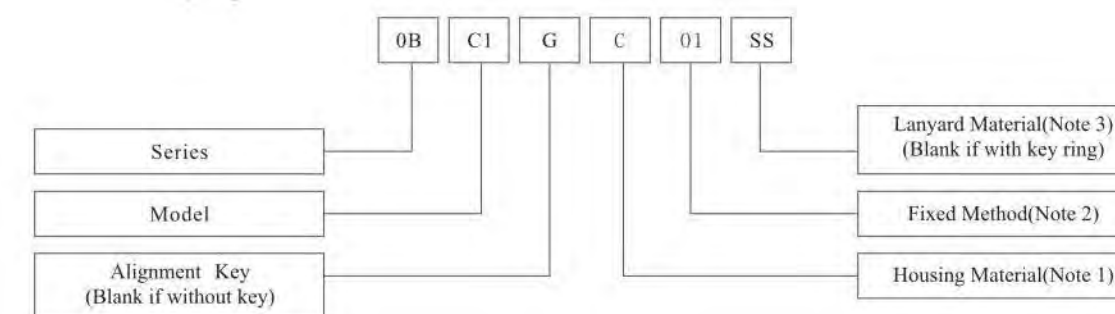


S Series

Code	Cable diameter(mm)	0S	1S
25	2.0-2.5	●	
30	2.6-3.0	●	●
35	3.1-3.5	●	●
40	3.6-4.0	●	●
45	4.1-4.5		●
50	4.6-5.0		●

Caps

Part Numbering System:



Note 1 :
C= Chrome Plated Brass
K= Black Chrome Plated Brass
P=Plastic

Note 2 :
00=Key Ring
01=Loop
02=Solder Lug
03=Earthing Washer

Note 3 :
SS=Stainless Steel
PA= Polyamide

Part Number Example:

1BC1GC00= 1B plug cap with Key(G), shell in chrome plated brass, with key ring.

2KC2C01SS=2K socket cap without key, shell in chrome plated brass, stainless steel lanyard

Models

C1 Plug Caps Assembled on plug, with key

Series	Dimensions(mm)				
	L	N	A	C	
				U/F series	S series
0B-0F-0S	65	17	10	8	7
1B-1F-1S	75	17	12	10	9
2B-2F-2S	80	18	15	13	12
3B-3F	95	23	19	16	
0K	60	19	13	11	
1K	65	23.5	16	13	
2K	70	24	19	16	
3K	80	27	23	19	

C2 Socket Caps Assembled on socket or panel, without key

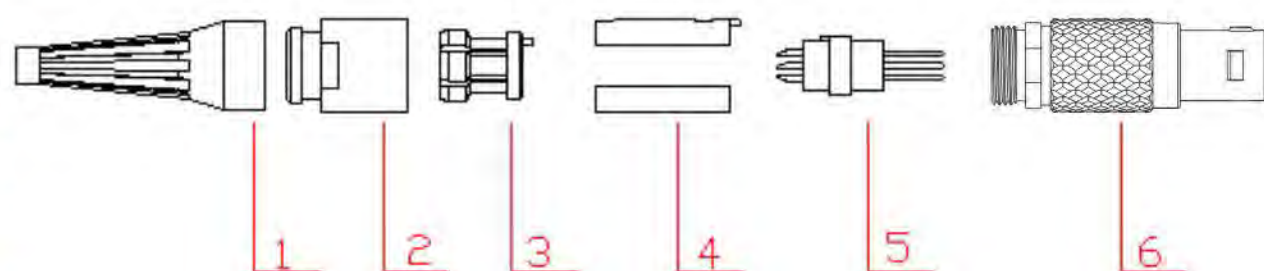
Series	Dimensions(mm)				
	L	N	A	D	C
0B-0S	80	17	10	9	9
1B-1S	80	17	12	12	12
2B-2S	80	14.5	18	15	15
3B-3S	100	18	20	18	18

C2 Socket Caps Assembled on socket or panel, without key

Series	Dimensions(mm)				
	L	N	A	D	C
0K	80	18	13	14	14
1K	80	23.6	16	16	16
2K	80	24.6	19	20	20
3K	100	33	22.5	24	24

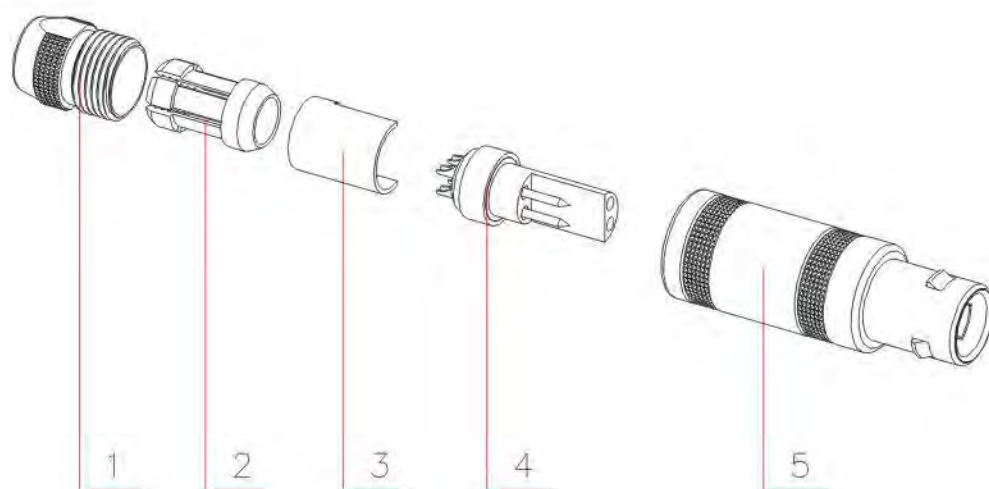
Assembly Instructions

B Series straight plug



1. Get the cable through bend relief①, collet nut② and collet③ in order, then solder it onto the insulator insert⑤ orderly.
2. Put the split insert carrier④ onto the soldered insulator insert⑤, assure that the slot of split insert carrier④ mount on the lug of insulator insert⑤.
3. Put the collet③ on the right position of cable, make sure the lug of collet③ mount on the slot of split insert carrier④.
4. Push the insulator insert⑤ split insert carrier④ and collet③ into the outer shell⑥ in order, make sure the slot of split insert carrier④ mount on the slot of outer shell⑥.
5. Screw the collet nut② onto the outer shell⑥ tightly.
6. Slide the bend relief① onto the corresponding step of collet nut②.

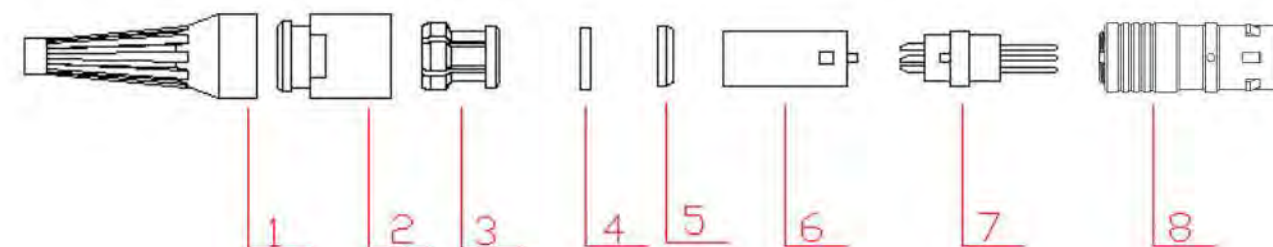
S Series straight plug



1. Get the cable through collet nut①, collet② and centre-piece③ in order, then solder it to the insulator insert④ orderly.
2. Slide the centre-piece③ to the insulator insert④, make sure the slot of centre-piece③ mount on the lug of insulator insert④, then push collet② to the right position of cable.
3. Push the assembled collet②, centre-piece③ and insulator insert④ into the outer shell⑤.
4. Screw collet nut① into the outer shell⑤ tightly.

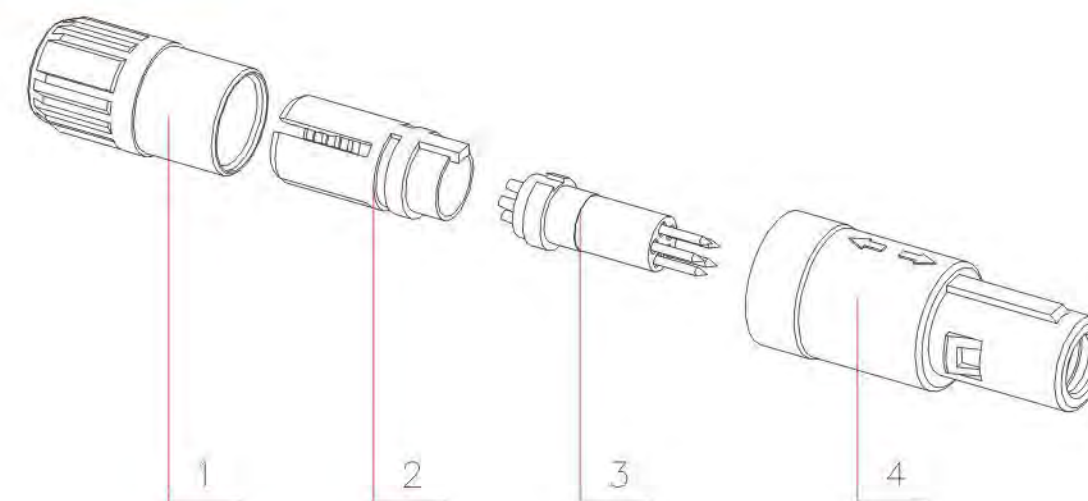
Assembly Instructions

K Series straight plug



1. Get the cable through bend relief①, collet nut②, collet③, gasket④ and earthing cone⑤ in order, then solder it to the insulator insert⑦ orderly.
2. Put the split insert carrier⑥ onto the insulator insert⑦, make sure the slot of split insert carrier⑥ mount on the slot of insulator insert⑦, then push the earthing cone⑤, gasket④ and collet③ to the right position, assure the cable sheath insert to the earthing cone⑤.
3. Slide the assembled insulator insert⑦ into the outer shell⑧, make sure the slot of split insert carrier⑥ mount on the slot of outer shell⑧.
4. Screw the collet nut② onto the outer shell⑧ tightly.
5. Slide the bend relief① to the collet nut②.

P Series straight plug



1. Get the cable through collet nut① and collet②, then solder it to the insulator insert③.
2. Put the collet② onto the soldered insulator insert③, make sure the lug of collet② mount on the slot of insulator insert③.
3. Slide the insulator insert③ into the outer shell④, make sure the lug of collet② mount on the slot of outer shell④.
4. Screw the collet nut① onto the outer shell④ tightly.

Unipole & Coaxial Connectors

Series	Code	Contact type	Test voltage	Test voltage	Rated current	Contact dia.	Dimensions
00S	113	Solder	800V	1200V	8A	1.3mm	See S series housing model
	250	Solder	2100V	3000V	4A	0.7mm	
0S	116	Solder	1500V	2100V	12A	1.6mm	
	250	Solder	3000V	4200V	6A	0.9mm	
1S	120	Solder	1700V	2400V	18A	2.0mm	
	275	Solder	3000V	4200V	12A	1.6mm	
	275	Solder	2400V	3300V	10A	1.3mm	



Custom Cable Assemblies

In order to provide an one-stop service, we proudly make cable assemblies for our customers. MOCO has his own fully trained technicians to make it happen. Each cable assembly is fully tested for pin-pin continuity, as well as having a high voltage test to ensure that there are no potential breakdown problems. Every cable assembly is fully inspected to ensure that it meets the requirements specified. We do it according to customers' requirements. If you would like to discuss your requirements or receive a quotation, please feel free to contact us.



BNC cable



DB9 Command Cable



OBD cable



Dtap Power Cable



JST Wire Harness



Coaxial Cable



Sensor cable



RJ45 Cable



TNC UT cable



USB Data Cable



Military Coil Cord



Industrial control cable



Y Cable(Split Cable)



Spiral Cable



Power Cable



Industrial Ethernet Cable



Military Cable



Video Cable



Medical Cable



Audio Cable