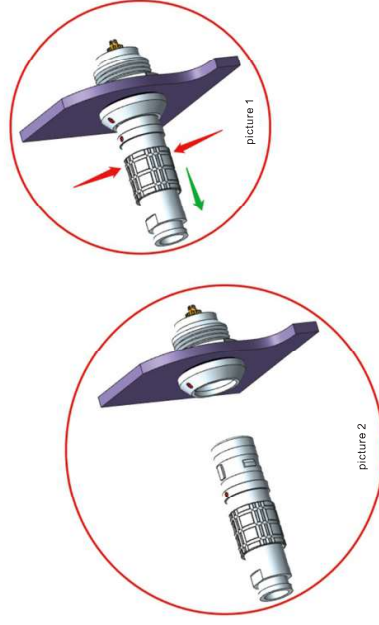


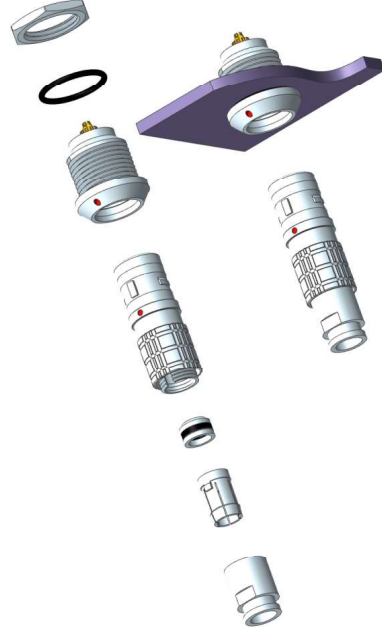
An illustrative

K series plug and socket separation instruction

When the plug and socket are plugged in, pinch the plug shell with the pattern with your thumb and forefinger (as indicated by the red arrow in picture 1), and then pull the plug along the end of the plug (as indicated by the green arrow in picture 1) to separate it (as shown in picture 2). Note: It is not necessary to twist the plug to separate from the socket.



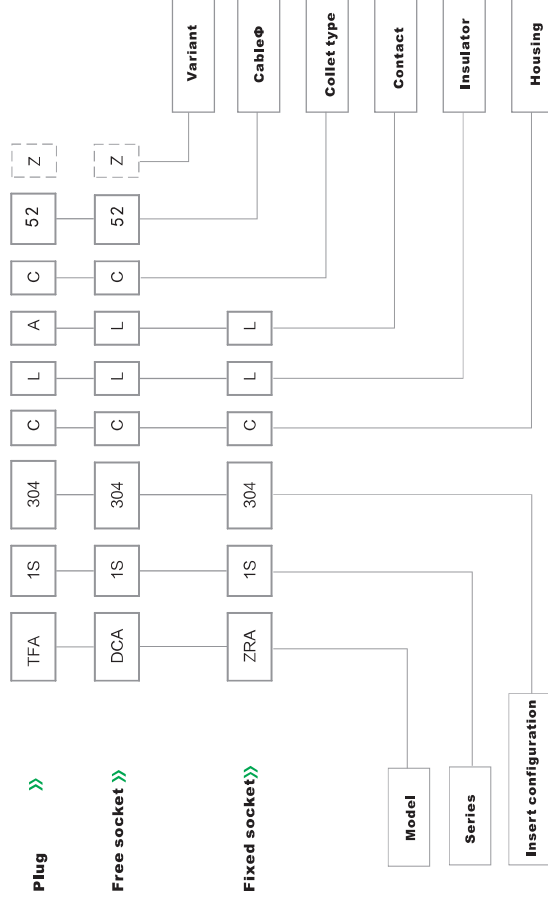
K series plug decomposition diagram



S



Part Numbering System of S series:



S series

S series connectors have main features as follows:

- security of the Push-Pull self-latching system.
- Multipole types 2 to 10 contacts.
- Molder or print contacts (straight or elbow).
- Polarisation by stepped insert (half-moon).
- Multipole types with up to 10 contacts fitted with male and female contacts.
- 360° screening for full EMC shielding.

Examples of Product Numbers

▲ Straight plug with cable collet:

TFA.1S.304.CLAC52 = straight plug with cable collet, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 male and 2 female solder contacts, C type collet for a 5.2 mm diameter cable.

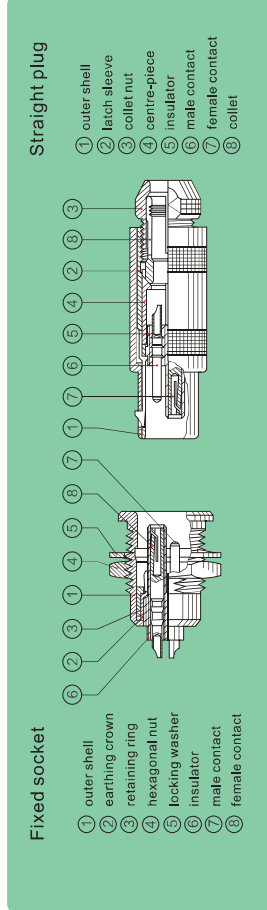
▲ Free socket:

DCA.1S.304.CLLC52Z = free socket, with cable collet, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 female and 2 male solder contacts, C type collet for a 5.2 mm diameter cable and nut for fitting a bend relief.

▲ Fixed socket:

ZRA.1S.304.CLL = fixed socket, nut fixing, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 female and 2 male solder contacts.

Part Section Showing Internal Components



TFA Straight plug



Cable collet

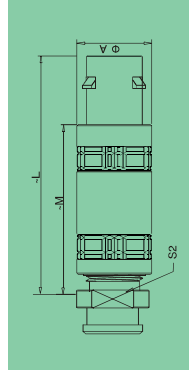
Reference	Series	Model	Dimensions (mm)			
			A	L	M	S2
	00S	TFA	6.4	26.0	18.0	4.5
	0S	TFA	8.8	34.5	24.5	6.5
	1S	TFA	11.8	42.5	31.5	8.5
	2S	TFA	14.8	52.5	40.0	11.0

TFA Straight plug



Cable collet and nut for fitting a bend relief

Reference	Series	Model	Dimensions (mm)			
			A	L	M	S2
	00S	TFA	6.4	26.0	18.0	6
	0S	TFA	8.8	34.5	24.5	7
	1S	TFA	11.8	42.5	31.5	9
	2S	TFA	14.8	52.0	40.0	12



TLA Elbow (90°) plug



Reference		Dimensions (mm)						
Series	Model	A	H	L	M	S1	S2	
00	TLA	7.5	16.5	19.5	11.5	4.5	6	
	OS	TLA	9.5	23.0	30.0	20.0	7.0	8
1S	TLA	12.0	29.0	36.0	25.0	9.0	10	
	2S	TLA	14.8	35.0	41.5	29.5	12.0	13

ZRA Fixed socket



Nut fixing

Reference		Dimensions (mm)						
Series	Model	A	B	e	E	L	M	S1 S3
00	ZRA	8	10.2	M7x0.5	5.5	14.5	1.0	6.3 9
	OS	ZRA	10	12.3	M9x0.6	7.0	21.3	1.2 8.2 11
1S	ZRA	14	16.0	M12x1.0	7.5	23.2	1.5	10.5 14
	2S	ZRA	18	19.2	M15x1.0	8.0	24.8	2.0 13.5 17

DCA Free socket



Cable collet and nut for fitting a bend relief

Reference		Dimensions (mm)		
Series	Model	A	L	S2
0S	DCA	8.9	33.5	7
	DCA	11.9	40.5	9
2S	DCA	14.8	50.0	12

ZCP Fixed socket



With two nuts (back panel mounting)

Reference		Dimensions (mm)						
Series	Model	A	B	e	E	L	M	N S1 S3
00	ZCP	12	12.5	M9x0.6	5.5	21.3	2.5	19.0 8.2 11
	1S	ZCP	16	16.0	M12x1.0	6.0	23.2	3.2 2.01 10.5 14
2S	ZCP	20	20	M15x1.0	6.5	24.8	3.5	24.5 13.5 17

ZRA Fixed socket



Nut fixing, without earthing tag

Reference		Dimensions (mm)						
Series	Model	A	B	e	E	L	M	S1 S3
00	ZRA	8	10.2	M7x0.5	5.5	14.5	1.0	6.3 9
	OS	ZRA	10	12.3	M9x0.6	7.0	21.3	1.2 8.2 11
1S	ZRA	14	16.0	M12x1.0	7.5	23.2	1.5	10.5 14
	2S	ZRA	18	19.2	M15x1.0	8.0	24.8	2.0 13.5 17

ZRA Fixed socket



Nut fixing, with earthing tag or with two earthing tags

Reference		Dimensions (mm)						
Series	Model	A	B	e	E	L	M	S1 S3
00	ZRA	8	10.2	M7x0.5	5.5	14.5	1.0	6.3 9
	OS	ZRA	10	12.3	M9x0.6	7.0	21.3	1.2 8.2 11
1S	ZRA	14	16.0	M12x1.0	7.5	23.2	1.5	10.5 14
	2S	ZRA	18	19.2	M15x1.0	8.0	24.8	2.0 13.5 17