



Push-Pull B Series Self-locking Connector FNG Plug Straight Cable Mount

Part Number:

FNG.CLA

Basic Information

Connector Type	Plug
Contacts	10 Pin, 12 Pin, 14 Pin, 16 Pin, 18 Pin, 19 Pin, 2 Pin, 20 Pin, 22 Pin, 24 Pin, 26 Pin, 3 Pin, 30 Pin, 32 Pin, 4 Pin, 5 Pin, 6 Pin, 7 Pin, 8 Pin, 9 Pin
Mounting Type	Cable Mount
Orientation	Straight
Product Series	00B, 0B, 1B, 2B, 3B, 4B

Environmental Specification

Vibration Resistance	10-2000Hz.15g
Disinfection Resistance	-20 times(PSU), >100 times (PPSU), >200 times (PEEK)
Env Experiment	20 / 80 / 21
Environmental Experiment	50 / 175 / 21
Humidity Resistance	Up to 95% at 60 °C
Impact Resistance	100g 6ms
Leakage Rate	< 10 ⁻⁷ mbar. L.s ⁻¹
Protection Grade	IP50
Corrosion Resistance	> 144h
Shielding Effect	> 80 dB at 1GHz, > 95 dB at 10MHz
Solvent Corrosion Resis	Average (PSU), Good (PPSU), Very Good (PEEK)
Temp Range	- 20 ° C\, + 100 ° C(00 to 1b), - 20 ° C\, + 80 ° C(2b to 5b)
Temperature Range Meta	-55°C ~ +250°C
Temperature Range Plastic	-55°C ~ +150°C (PSU), -55°C ~ +180°C (PPSU), -55°C ~ +250°C (PEEK)

Material Specification

Insulation Material	PPS
Shell Material	Copper Alloy

Mechanical Specification

Durability	> 5000 times
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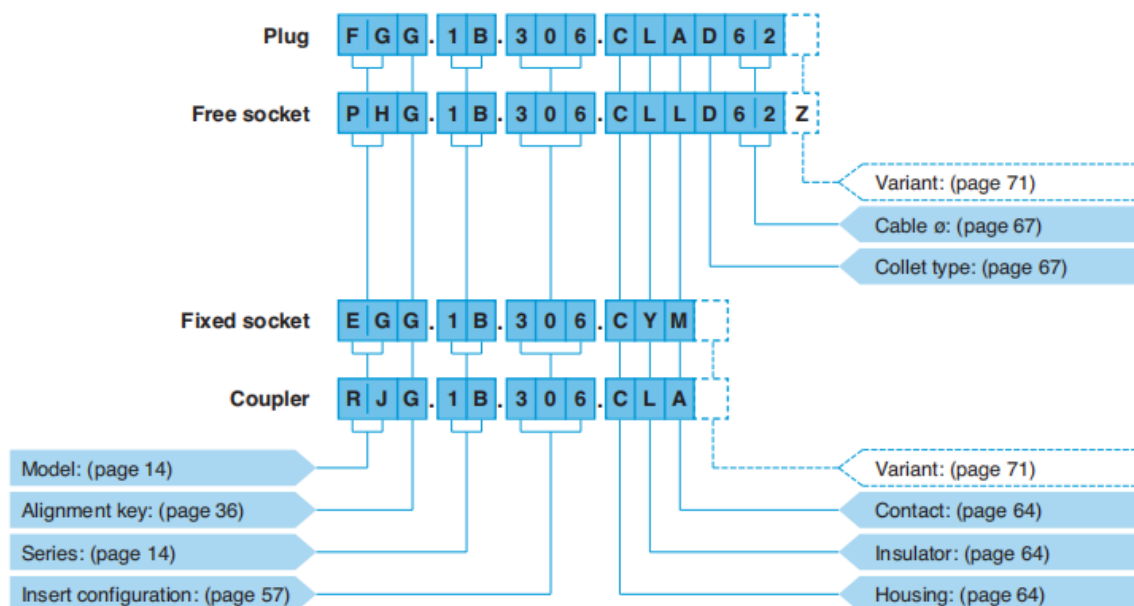
Contact Layout

		Reference		Series	
		Solder contacts		Crimp contacts	
Model	Series	Reference	Series	Reference	Series
2	00-TT	302	00-TT	302	00-TT
3	0B-0K-0T	303	0B-0K-0T	303	0B-0K-0T
4	1B-1K-1T	304	1B-1K-1T	304	1B-1K-1T
5	2B-2K-2T	305	2B-2K-2T	305	2B-2K-2T
6	3B-3K-3T	306	3B-3K-3T	306	3B-3K-3T
7	4B-4K	307	4B-4K	307	4B-4K
8	5B-5K	308	5B-5K	308	5B-5K
9	00-TT	309	00-TT	309	00-TT
10	0B-0K-0T	310	0B-0K-0T	310	0B-0K-0T
11	1B-1K-1T	311	1B-1K-1T	311	1B-1K-1T
12	2B-2K-2T	312	2B-2K-2T	312	2B-2K-2T
13	3B-3K-3T	313	3B-3K-3T	313	3B-3K-3T
14	4B-4K	314	4B-4K	314	4B-4K
15	5B-5K	315	5B-5K	315	5B-5K
16	00-TT	316	00-TT	316	00-TT
17	0B-0K-0T	317	0B-0K-0T	317	0B-0K-0T
18	1B-1K-1T	318	1B-1K-1T	318	1B-1K-1T
19	2B-2K-2T	319	2B-2K-2T	319	2B-2K-2T
20	3B-3K-3T	320	3B-3K-3T	320	3B-3K-3T
21	4B-4K	321	4B-4K	321	4B-4K
22	5B-5K	322	5B-5K	322	5B-5K
23	00-TT	323	00-TT	323	00-TT
24	0B-0K-0T	324	0B-0K-0T	324	0B-0K-0T
25	1B-1K-1T	325	1B-1K-1T	325	1B-1K-1T
26	2B-2K-2T	326	2B-2K-2T	326	2B-2K-2T
27	3B-3K-3T	327	3B-3K-3T	327	3B-3K-3T
28	4B-4K	328	4B-4K	328	4B-4K
29	5B-5K	329	5B-5K	329	5B-5K
30	00-TT	330	00-TT	330	00-TT
31	0B-0K-0T	331	0B-0K-0T	331	0B-0K-0T
32	1B-1K-1T	332	1B-1K-1T	332	1B-1K-1T
33	2B-2K-2T	333	2B-2K-2T	333	2B-2K-2T
34	3B-3K-3T	334	3B-3K-3T	334	3B-3K-3T
35	4B-4K	335	4B-4K	335	4B-4K
36	5B-5K	336	5B-5K	336	5B-5K
37	00-TT	337	00-TT	337	00-TT
38	0B-0K-0T	338	0B-0K-0T	338	0B-0K-0T
39	1B-1K-1T	339	1B-1K-1T	339	1B-1K-1T
40	2B-2K-2T	340	2B-2K-2T	340	2B-2K-2T
41	3B-3K-3T	341	3B-3K-3T	341	3B-3K-3T
42	4B-4K	342	4B-4K	342	4B-4K
43	5B-5K	343	5B-5K	343	5B-5K
44	00-TT	344	00-TT	344	00-TT
45	0B-0K-0T	345	0B-0K-0T	345	0B-0K-0T
46	1B-1K-1T	346	1B-1K-1T	346	1B-1K-1T
47	2B-2K-2T	347	2B-2K-2T	347	2B-2K-2T
48	3B-3K-3T	348	3B-3K-3T	348	3B-3K-3T
49	4B-4K	349	4B-4K	349	4B-4K
50	5B-5K	350	5B-5K	350	5B-5K

Size

Reference		Dimensions (mm)						
Model	Series	A	B	L	M	N	S1	S2
FNG	0B	9.5	15.5	36.0	26.0	140	8	7
FNG	1B	12.0	18.0	43.0	32.0	140	10	9
FNG	2B	15.0	21.0	49.0	37.0	160	13	12
FNG	3B	18.0	25.0	58.0	43.0	190	15	14
FNG	4B	25.0	32.0	75.0	57.0	230	21	20
FNG	5B	35.0	42.0	103.0	78.0	300	31	30

How to Order



Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.