



Push-Pull Circular Connector B Series ECG Socket
Straight Connector

Part Number:

ECG.CLL



Basic Information

Connector Type	Socket
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
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
Ingress Protection	IP50
Leakage Rate	< 10-7mbar. L.s-1
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

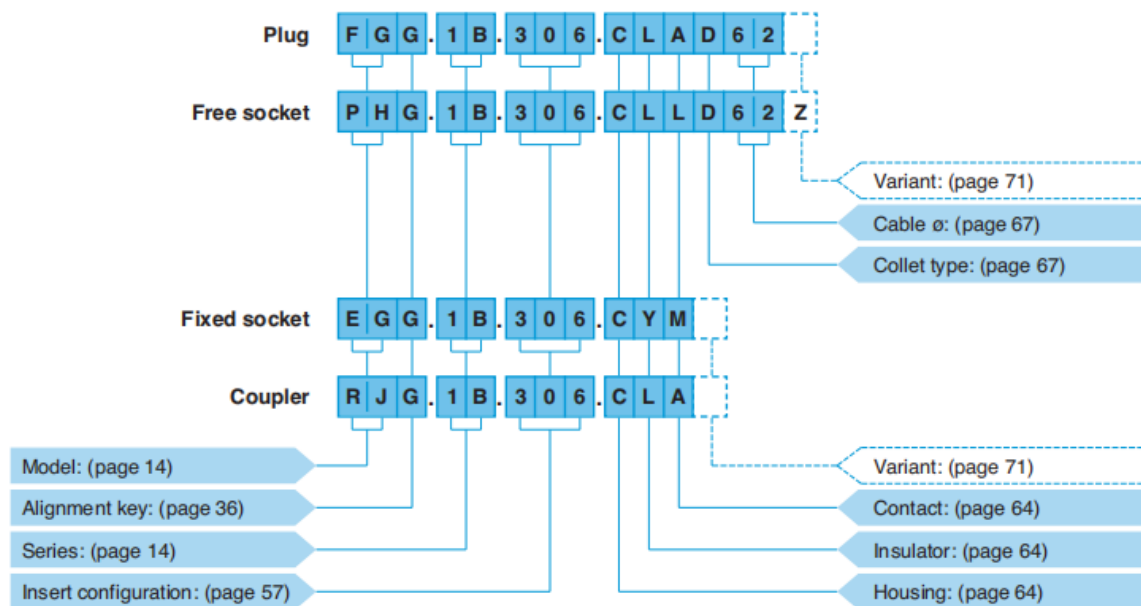
Mechanical Specification

Durability	> 5000 times
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Solder contacts			Crimp contacts			Reference	Sales
2			302	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 5B-5K 00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T	303	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T	
3			303	0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T	304	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	
4			304	0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	305	00-TT	
5			305	00-TT	306	0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T	
6			306	0B-0K-0T 1B-1K-1T	307	00-TT 2B-2K-2T 3B-3K-3T 4B-4K	
7			307	0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K	308	1B-1K-1T	
8			308	1B-1K-1T	309	0B-0K-0T 3B-3K-3T	
9			309	0B-0K-0T 3B-3K-3T	310	1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	
10			310	1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	311	0B-0K-0T	
11			311	0B-0K-0T	312	XB	
12			312	2B-2K-2T 3B-3K-3T 4B-4K	313	2B-2K-2T 3B-3K-3T 4B-4K	
13			313	2B-2K-2T 3B-3K-3T 4B-4K	314	1B-1K-1T 2B-2K-2T 3B-3K-3T 5B-5K	
14			314	1B-1K-1T 2B-2K-2T 3B-3K-3T 5B-5K	315	1B-1K-1T	
15			315	1B-1K-1T	316	2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	
16			316	2B-2K-2T 3B-3K-3T 4B-4K 5B-5K	317	2B-2K-2T 3B-3K-3T	
17			317	2B-2K-2T 3B-3K-3T	318	2B-2K-2T 3B-3K-3T	
18			318	2B-2K-2T 3B-3K-3T	319	2B-2K-2T	
19			319	2B-2K-2T	320	3B-3K-3T	
20			320	3B-3K-3T	321	4B-4K 5B-5K	
21			321	4B-4K 5B-5K	322	XB	
22			322	XB	323	3B-3K-3T	
23			323	3B-3K-3T	324	3B-3K-3T 4B-4K	
24			324	3B-3K-3T 4B-4K	325	2B-2K-2T 3B-3K-3T	
25			325	2B-2K-2T 3B-3K-3T	326	3B-3K-3T 4B-4K 5B-5K	
26			326	3B-3K-3T 4B-4K 5B-5K	327	2B-2K-2T	
27			327	2B-2K-2T	328	3B-3K-3T	
28			328	3B-3K-3T	329	4B-4K 5B-5K	
29			329	4B-4K 5B-5K	330	2B-2K-2T	
30			330	2B-2K-2T	331	3B-3K-3T	
31			331	3B-3K-3T	332	4B-4K 5B-5K	
32			332	4B-4K 5B-5K	333	3B-3K-3T	

Reference		Dimensions (mm)							
Model	Series	A	B	e	E	M	N	S1	S3
ECG	00	10	10.2	M7x0.5	4.3	2.5	13.7	6.3	9
ECG	0B	12	12.4	M9x0.6	5.5	2.5	16.1	8.2	11
ECG	1B	16	15.8	M12x1.0	6.0	3.5	19.8	10.5	14
ECG	XB	18	19.0	M14x1.0	6.0	3.5	20.0	12.5	17
ECG	2B	20	19.2	M15x1.0	6.5	3.5	21.8	13.5	17
ECG	3B	24	25.0	M18x1.0	9.0	4.5	25.8	16.5	22
ECG	4B	30	34.0	M25x1.0	10.0	4.5	29.8	23.5	30
ECG	5B	41	40.0	M35x1.0	9.0	5.0	36.8	33.5	-

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.