



Push-Pull Circular Connector B Series EPG Socket Connector

Part Number:

EPG.CLV



Basic Information	
Connector Type	Socket
Contact Type	Female Pin
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	Panel Mount
Orientation	Right Angle
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

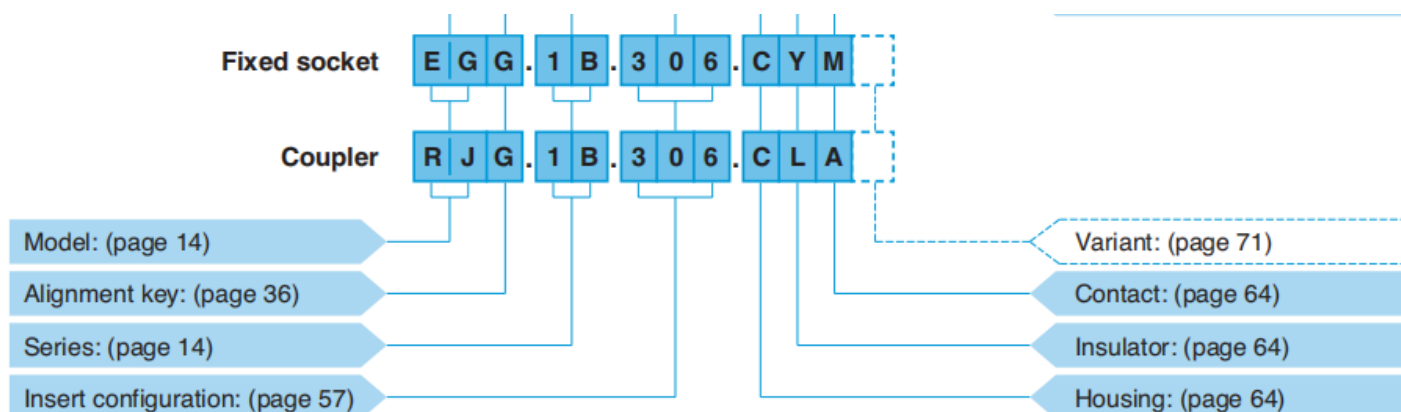
Contact Layout

		Solder contacts		Crimp contacts		Reference	Series
							
2			302	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 5B-5K			
3			303	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T			
4			304	00-TT 0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K			
5			305	00-TT			
5			305	0B-0K-0T 1B-1K-1T 2B-2K-2T 3B-3K-3T			
6			306	0B-0K-0T 1B-1K-1T			
6			306	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			
8			308	1B-1K-1T			
8			308	2B-2K-2T 3B-3K-3T			
9			309	0B-0K-0T			
9			309	0B-0K-0T 3B-3K-3T			
10			310	1B-1K-1T 2B-2K-2T 3B-3K-3T 4B-4K 5B-5K			
12			312	0B-0K-0T			
12			312	XB			
12			312	2B-2K-2T 3B-3K-3T 4B-4K			
14			314	1B-1K-1T 2B-2K-2T 3B-3K-3T 5B-5K			
16			316	1B-1K-1T			
16			316	2B-2K-2T 3B-3K-3T 4B-4K 5B-5K			
18			318	2B-2K-2T 3B-3K-3T			
19			319	2B-2K-2T			
20			320	3B-3K-3T			
20			320	4B-4K 5B-5K			
22			322	XB			
22			322	3B-3K-3T			
24			324	3B-3K-3T 4B-4K			
26			326	2B-2K-2T 3B-3K-3T			
30			330	3B-3K-3T 4B-4K 5B-5K			
32			332	2B-2K-2T			
32			332	3B-3K-3T			

Size

Part number	Dimensions (mm)							
	A	D	H	I	K	L	N	R
EPG.00.302.HLN	6.8	11.5	3.5	7.0	8.7	19	7.1	5.08
EPG.00.303.HLN								
EPG.00.304.HLN								
EPG.00.305.HLN								
EPG.0B.302.HLN								
EPG.0B.303.HLN	9.0	14.6	6.7	12.6	13.3	25	11.7	7.62
EPG.0B.304.HLN								
EPG.0B.305.HLN								
EPG.0B.306.HLN								
EPG.0B.307.HLN								
EPG.1B.302.HLN	11.0	16.6	7.5	14.0	13.3	27	12.6	7.62
EPG.1B.303.HLN								
EPG.1B.304.HLN								
EPG.1B.305.HLN								
EPG.1B.306.HLN								
EPG.1B.307.HLN								
EPG.1B.308.HLN								
EPG.1B.310.HLN								

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.