

Push-Pull Circular Connector K Series FHG Plug Cable Mount Connector

Part Number:

FHG.CLA



Basic Information

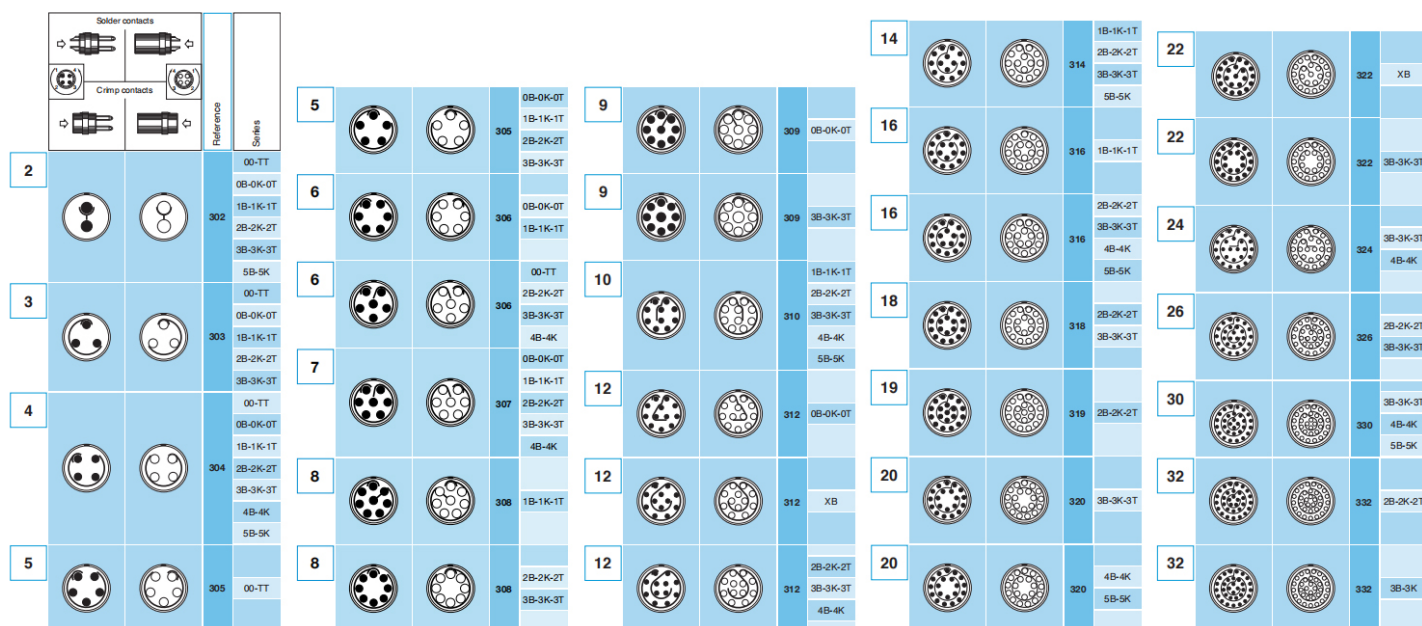
Connector Type	Plug
Contact Type	Male Pin
Contacts	10 Pin, 12 Pin, 14 Pin, 16 Pin, 18 Pin, 19 Pin, 2 Pin, 20 Pin, 22 Pin, 24 Pin, 26 Pin, 3 Pin, 30 Pin, 32 Pin, 4 Pin, 5 Pin, 6 Pin, 7 Pin, 8 Pin, 9 Pin
Orientation	Right Angle
Product Series	OK, 1K, 2K, 3K

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	
Shell Material	Copper Alloy

Mechanical Specification	
Durability	> 5000 times

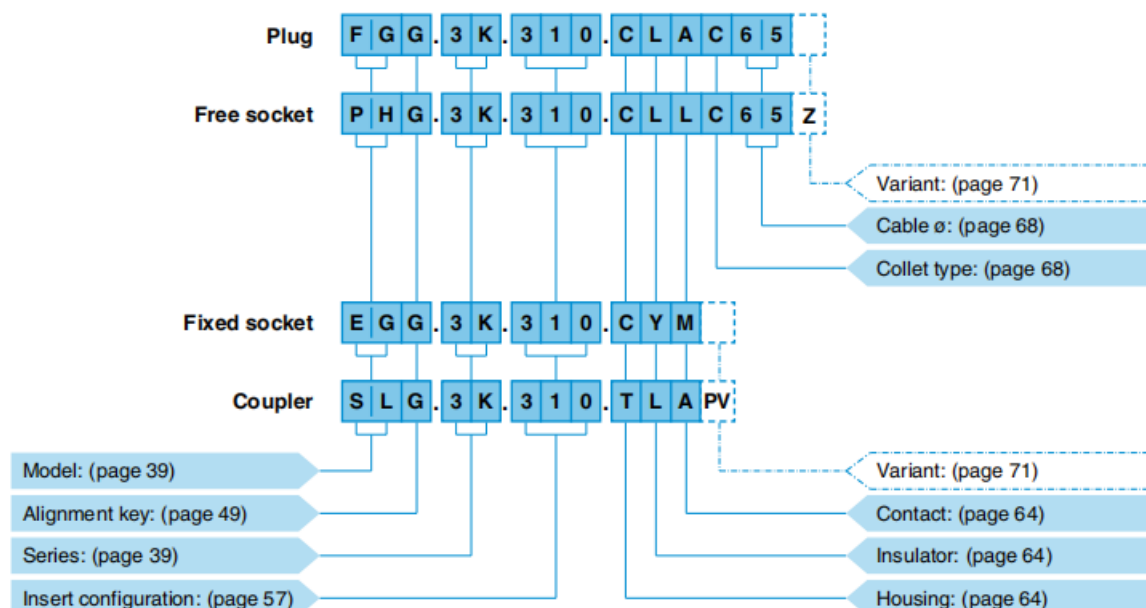
Contact Layout



Size

Reference		Dimensions (mm)							
Model	Series	A	D	H	L	M	S1	S2	S3
FPG	0K	11	7.3	25	36	25	9	8	8
FPG	1K	13	8.7	33	42	28	11	9	10
FPG	2K	16	10.2	40	51	35	14	12	13

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.