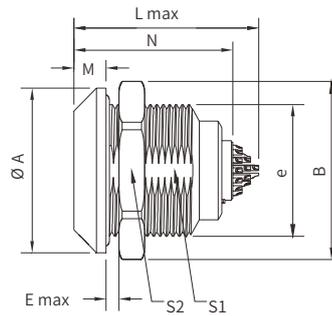


### FSG Fixed Straight Socket, Key(G)

- Connector series: FSG
- Contact: Female
- Key: G(More keys, refer to page 66)
- Locking type: Self-locking
- Orientation type: Straight
- Part No.: FSG.XK.XXX.CLL
- Mated with: PSG series

Note: "X" refers to part number definition on page 48



### General Information



Ambient temperature:	-55°C~+200°C
Mating endurance:	>5000 cycles
Insulator:	PEEK
Connector contacts:	Brass with gold plated
Coupling nut/screw:	Brass with nickel plated
Housing:	Brass with Cr plated

Seal/o-ring	Silicone
Insulation resistance:	≥ 100MΩ
IP rating:	IP 68
Shielding efficiency:	at 10MHz>95dB / at 1GHz>80dB
Salt spray corrosion test:	>144h

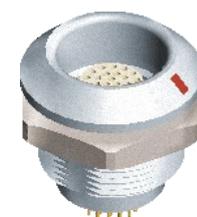
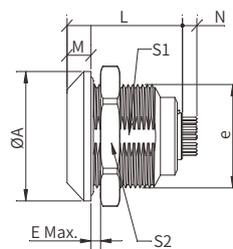
Size	Dimensions(mm)								
	A	B	e	E	L	M	N	S1	S2
0K	18	19.2	M14*1.0	6.0	21.7	4.0	20.1	12.5	17
1K	20	21.5	M16*1.0	9.0	27.0	4.5	25.1	14.5	19
2K	25	27.0	M20*1.0	9.0	30.7	5.0	28.6	18.5	24
3K	31	34.0	M24*1.0	11.0	36.2	6.0	33.6	22.5	30
4K	37	39.5	M30*1.0	11.0	39.2	7.0	34.2	28.5	36

Panel Cut-out page 164; The dimension " N" depends on the number of contacts, detail information see page 169

### FSG Fixed Straight Socket, Key(G), Contact for Printed Circuit

- Connector series: FSG
- Contact: Female
- Key: G(More keys, refer to page 66)
- Locking type: Self-locking
- Orientation type: Straight
- Part No.: FSG.XK.XXX.CLN
- Mated with: PSG/PAG series

Note: "X" refers to part number definition on page 48



### General Information



Ambient temperature:	-55°C~+200°C
Endurance:	>5000 cycles
Insulator:	PEEK
Connector contacts:	Brass with gold plated
Coupling nut/screw:	Brass with nickel plated
Seal/o-ring:	Silicone

Housing:	Brass with Cr plated
Insulation resistance:	≥100MΩ
IP rating:	IP 68
Shielding efficiency:	at 10MHz>95dB/at 1GHz>80dB
Salt spray corrosion test:	>144h

Size	Dimensions(mm)						
	A	e	E	L Max	M	S1	S2
0K	18	M14*1.0	6.0	20.1	4.0	12.5	17
1K	20	M16*1.0	9.0	25.1	4.5	14.5	19
2K	25	M20*1.0	9.0	28.6	5.0	18.5	24
3K	31	M24*1.0	11.0	33.6	6.0	22.5	30
4K	37	M30*1.0	11.0	37.2	7.0	28.5	36

Panel cut-out (page 164); PCB drilling pattern (page 169/170)