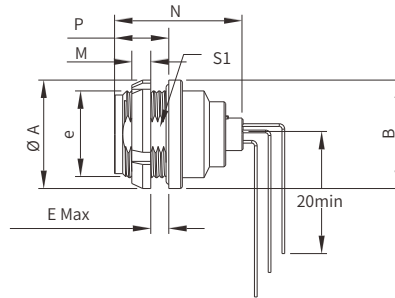# K Series

■ SRG Fixed Angled Socket, Key(G), Front Fasten

- Connector series: SRG
- Contact: Female
- Key: G(More keys, refer to page 66)
- Locking type: Self-locking
- Orientation type: Angled
- Part No.: SRG.XK.XXX.CLV
- 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 Cr plated
Housing:	Brass with Cr plated

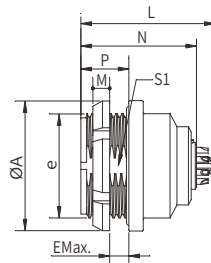| Seal/o-ring | Silicone |
Insulation resistance:	≥ 100MΩ
IP rating:	IP 68
Shielding efficiency:	at 10MHz>95dB / at 1GHz>80dB
Salt spray corrosion test:	>144h

Size	Dimensions(mm)							
	A	B	e	E	M	N	P	S1
0K	18	18	M14*1.0	3.4	3.5	19.3	7	12.5
1K	20	20	M16*1.0	6.2	3.5	24.3	10	14.5
2K	25	25	M20*1.0	5.0	3.5	26.6	10	18.5
3K	30	31	M24*1.0	7.5	4.5	31.3	12	22.5
4K	41.5	37	M30*1.0	6.0	7.0	34.2	13.5	28.5

Panel Cut-out page 164; PCB drilling pattern page 169/170; The dimension" N" depends on the number of contacts, detail information see page 169

■ SRG Fixed Straight Socket, Key(G), Front Fasten

- Connector series: SRG
- Contact: Female
- Key: G(More keys, refer to page 66)
- Locking type: Self-locking
- Orientation type: Straight
- Part No.: SRG.XK.XXX.CLL
- 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 Cr plated
Seal/o-ring:	Silicone

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

Size	Dimensions(mm)							
	A	e	E	L Max	M	N	P	S1
0K	18	M14*1.0	3.4	21.7	3.5	20.1	7	12.5
1K	20	M16*1.0	6.2	27.0	3.5	25.1	10	14.5
2K	25	M20*1.0	5.0	30.7	3.5	28.6	10	18.5
3K	30	M24*1.0	7.5	36.2	4.5	33.6	12	22.5
4K	41.5	M30*1.0	6.0	39.2	7.0	34.2	13.5	28.5

Note: Panel cut-out (page 164); The dimension" N" depends on the number of contacts, detail information see page 169