

FCG3S-MO-M23-01

SMPS Connector, DC~60GHz

Features:

- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Instruments
- * Electronics

Electrical

Frequency: DC~60GHz

Impedance of Dielectric: 1000MΩ (500V DC) min.

Voltage Withstand^{*1}: 325V

Impedance: 50Ω

[1] 50Hz, AC RMS, at sea level.

Mechanical

RF Connector^{*2}: SMPS male

Mating Life Cycle: 500 cycles

Detent Mode: Smooth bore

Outer Conductor: Gold-plated and nickel-plated kovar alloy (4J29)

Dielectric: Glass

Inner Conductor: Gold-plated and nickel-plated kovar alloy (4J29)

[2] Mateable with SSSMP & G3PO.

Environmental

Temperature: -65~+165°C

Seal: 1.013×10^{-3} Pa.cm³/s (He) max.

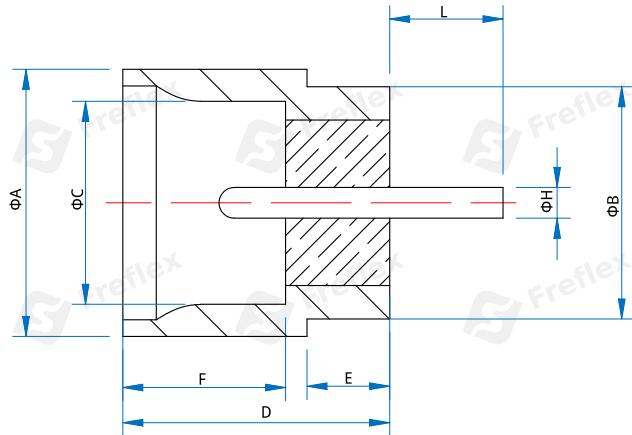
Salt Fog^{*3}: 48h min.

[3] According to customer requirements, it can reach 96 hours.

How To Order

FCG3S-MO-M23-01

Customization is available upon request.

Outline Drawings


Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

A	B	C	D	E	F	H	L
2	1.74	1.52	2	0.62	1.22	0.23	0.85
[.079]	[.069]	[.06]	[.079]	[.024]	[.048]	[.009]	[.033]