

# FCG3F-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<sup>\*1</sup>: 325V

Impedance: 50Ω

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

**Mechanical**

RF Connector<sup>\*2</sup>: SMPS male

Mating Life Cycle: 100 cycles

Detent Mode: Full detent

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:  $1.013 \times 10^{-3}$  Pa.cm<sup>3</sup>/s (He) max.

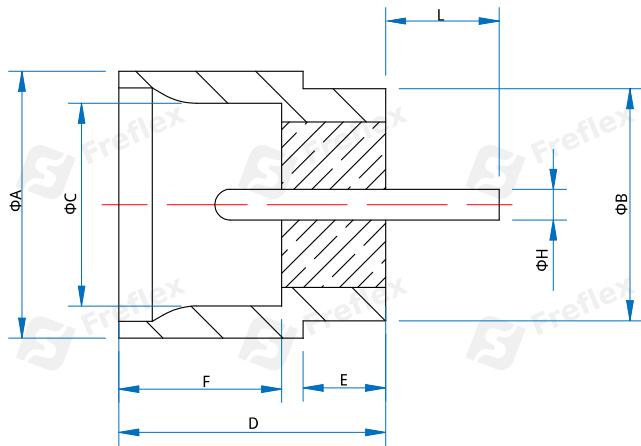
Salt Fog<sup>\*3</sup>: 48h min.

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

**How To Order**

**FCG3F-MO-M23-01**

Customization is available upon request.

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

A	B	C	D	E	F	H	L
2.5 [.098]	1.74 [.069]	1.45 [.057]	2 [.079]	0.6 [.024]	1.22 [.048]	0.23 [.009]	0.75 [.03]