

# FCGL-MO-M30-01

## SSMP Connector, DC~45GHz

**Features:**

- \* Low VSWR

**Applications:**

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

**Electrical**

Frequency: DC~45GHz

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>: SSMP male

Detent Mode: Limited 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 GPPO, SMPM & Mini-SMP.

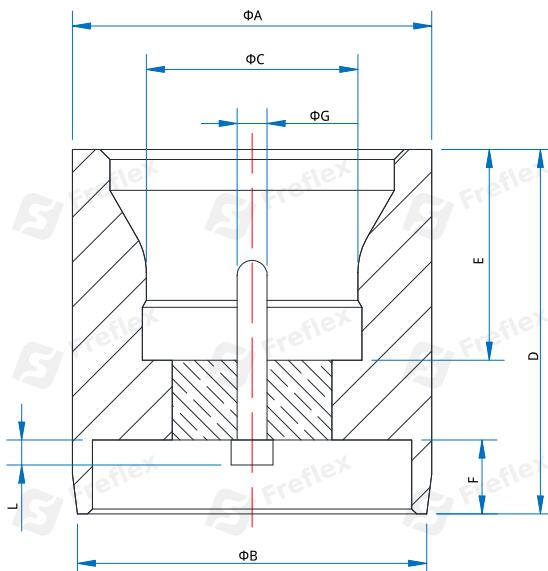
**Environmental**

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.

**Outline Drawings**


Unit: mm [in]

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

A	B	C	D	E	F	G	L
3.6 [.142]	3.5 [.138]	2.12 [.083]	3.65 [.144]	2.11 [.083]	0.74 [.029]	0.3 [.012]	0.25 [.01]

**How To Order**

[FCGL-MO-M30-01](#)

Customization is available upon request.