

FCGL-MO-M30-01

SSMP Connector, DC~45GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency: DC~45GHz
Impedance of Dielectric: 1000M Ω (500V DC) min.
Voltage Withstand*1: 325V
Impedance: 50 Ω

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

Mechanical

RF Connector*2: 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)

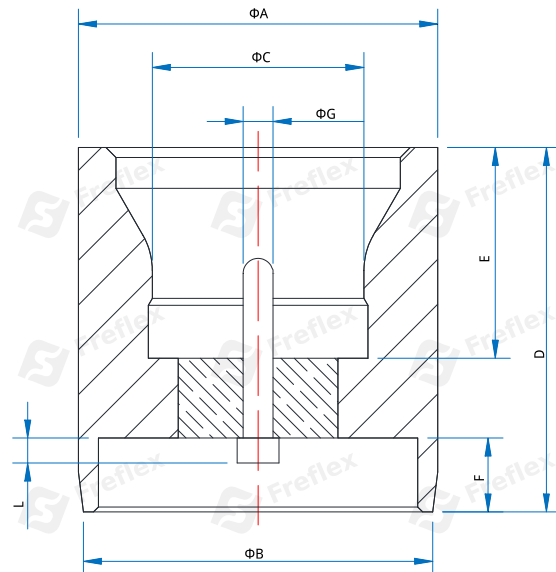
[2] Mateable with GPPO, SMPM & Mini-SMP.

Environmental

Temperature: -65~+165°C
Seal: 1.013*10⁻³ Pa.cm³/s (He) max.
Salt Fog*3: 48h min.

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

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

How To Order

FCGL-MO-M30-01

Customization is available upon request.