

FCGF-MO-B30-01

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
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)

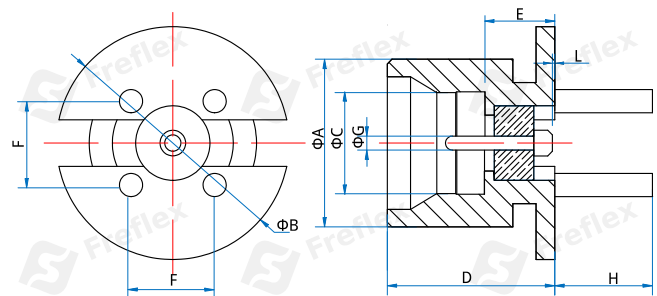
[2] Mateable with GPPO, SMPM & Mini-SMP.

Environmental

Temperature:	-65~+165°C
Seal:	1.013*10 ⁻³ Pa.cm ³ /s (He) max.
Salt Fog*3:	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	H	L
3.6	5	2.13	3.6	1.5	1.8	0.3	2.1	0.05
[.142]	[.197]	[.084]	[.142]	[.059]	[.071]	[.012]	[.083]	[.002]

How To Order

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Customization is available upon request.