

FCGS-MO-B30

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.

Environmental

Temperature: -65~+165°C
Seal: 1.013*10⁻³ Pa.cm³/s (He) max.
Salt Fog*²: 48h min.

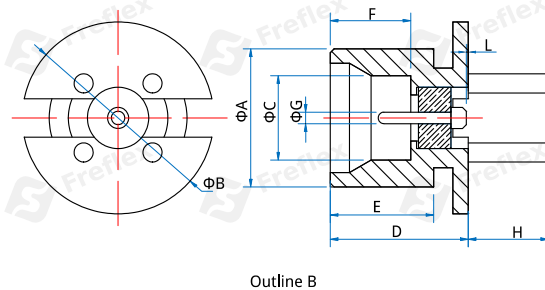
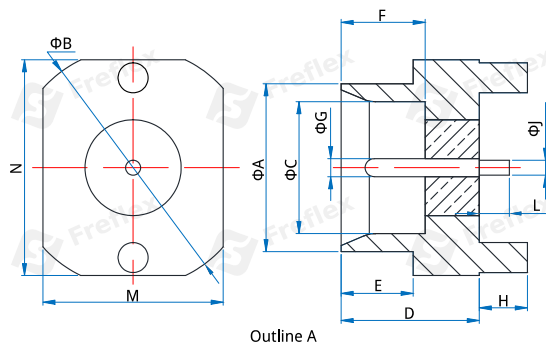
[2] According to customer requirements, it can reach 96 hours.

Mechanical

RF Connector*³: SSMP 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)

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

Outline Drawings



Unit: mm [in]

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

Part Number	A	B	C	D	E	F	G	J	H	L	M	N	Outline Drawings
QCGS-MO-B30-01	2.8 [.11]	4 [.157]	2.2 [.087]	2.3 [.091]	1.2 [.047]	1.4 [.055]	0.3 [.012]	0.25 [.01]	0.8 [.031]	0.5 [.02]	3 [.118]	3.6 [.142]	Outline A
QCGS-MO-B30-02	3.6 [.142]	5 [.197]	2.2 [.087]	3.6 [.142]	2.7 [.106]	2.1 [.083]	0.3 [.012]	-	2.1 [.083]	0.05 [.002]	-	-	Outline B

Customization is available upon request.