

FCGS-MTO-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^{*1}: 325V

Impedance: 50Ω

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

Mechanical

RF Connector^{*2}: 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)

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

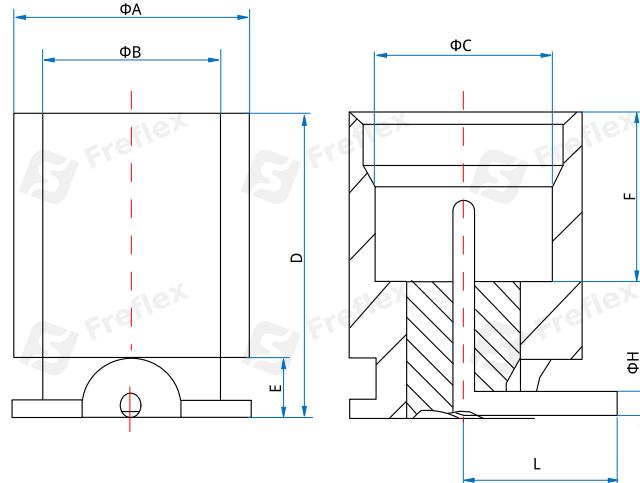
Environmental

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	H	L
4.2 [.165]	3.2 [.126]	3.17 [.125]	5.1 [.201]	1 [.039]	2.8 [.11]	0.3 [0.012]	2.75 [.108]

How To Order

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Customization is available upon request.