

## FC-8-MO-01

DC~60GHz, SMPS Male

### Features:

\* Low VSWR

### Applications:

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

### Electrical

Frequency: DC~60GHz

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>: SMPS 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 SSSMP & G3PO.

### 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.

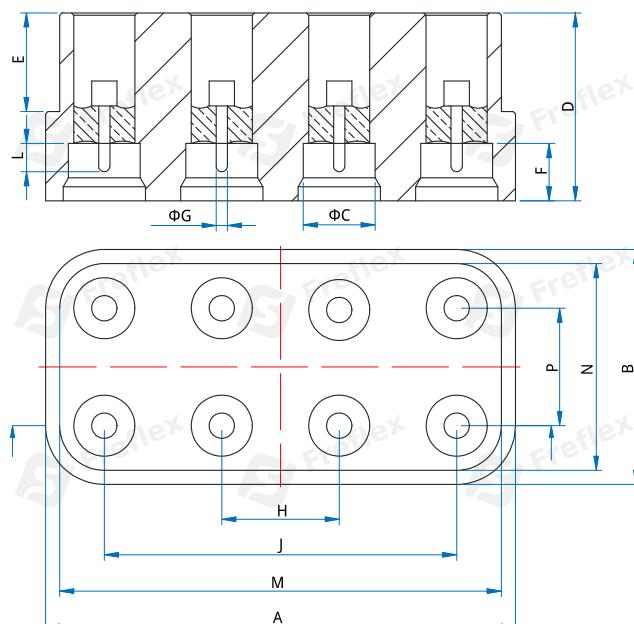
[3] According to customer requirements, it can reach 96 hours.

### How To Order

**FC-8-MO-01**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

A	B	C	D	E	F	G	H	J	L	M	N	P
10	5	1.53	4	2.1	1.22	0.24	2.5	7.5	0.6	9.4	4.4	2.5

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