

## FC-8-MO-01

DC~60GHz, SMPS Male

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

### Electrical

Frequency: DC~60GHz  
Impedance of Dielectric: 1000M $\Omega$  (500V DC) min.  
Voltage Withstand<sup>\*1</sup>: 325V  
Impedance: 50 $\Omega$

[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\*10<sup>-3</sup> Pa.cm<sup>3</sup>/s (He) max.  
Salt Fog<sup>\*3</sup>: 48h min.

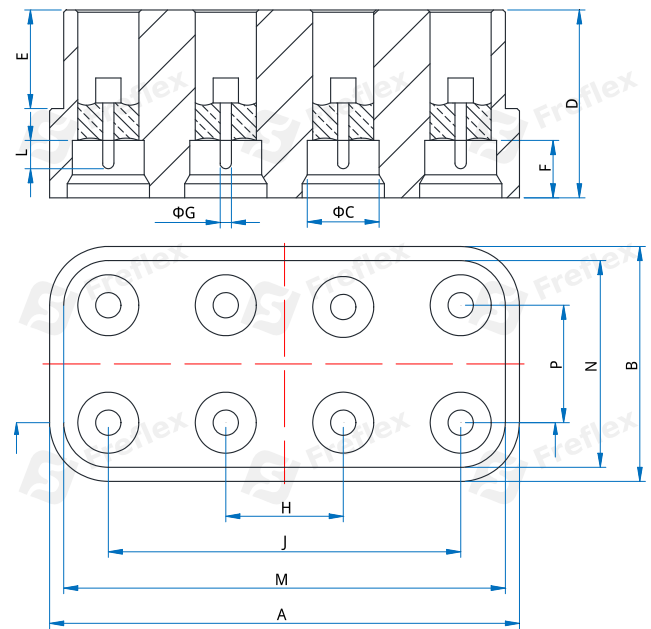
[3] According to customer requirements, it can reach 96 hours.

### How To Order

**FC-8-MO-01**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

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

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
[.394]	[.197]	[.06]	[.157]	[.083]	[.048]	[.009]	[.098]	[.295]	[.024]	[.37]	[.173]	[.098]