

## FC-2-MO-02

DC~45GHz, SSMP Male

### Features:

- \* Low VSWR

### Applications:

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

### Electrical

Frequency: DC~45GHz

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>: 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:  $1.013 \times 10^{-3}$  Pa.cm<sup>3</sup>/s (He) max.

Salt Fog<sup>\*3</sup>: 48h min.

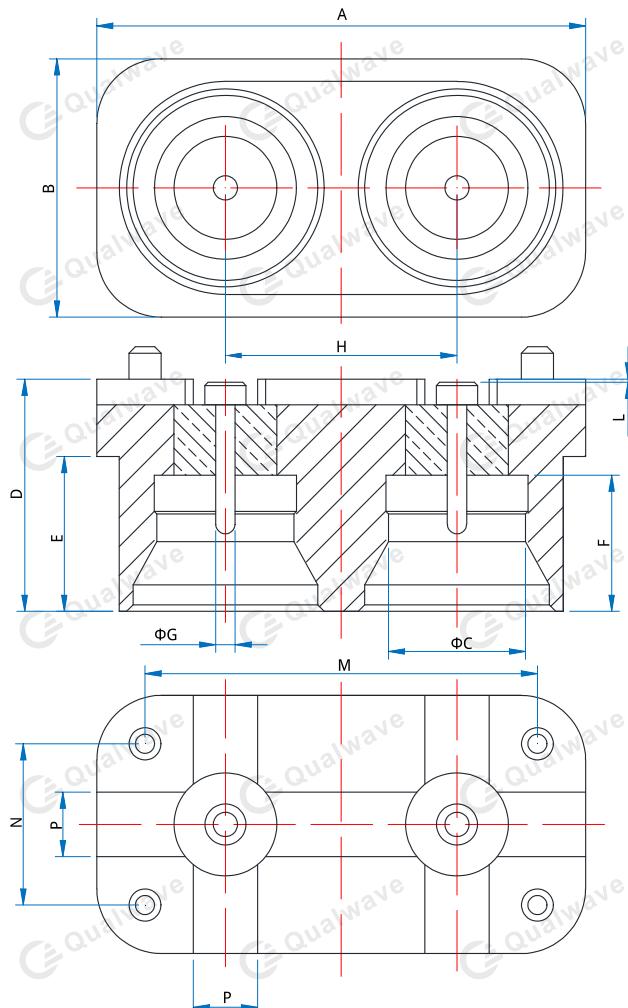
[3] According to customer requirements, it can reach 96 hours.

### How To Order

**FC-2-MO-02**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

A	B	C	D	E	F	G	H	L	M	N	P
7.6	4	2.13	3.6	2.4	2.11	0.3	3.6	0.05	6.1	2.5	1

[.299] [.157] [.084] [.142] [.094] [.083] [.012] [.142] [.002] [.24] [.098] [.039]