

FC-2-MO-02

DC~45GHz, SSMP Male

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.

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.

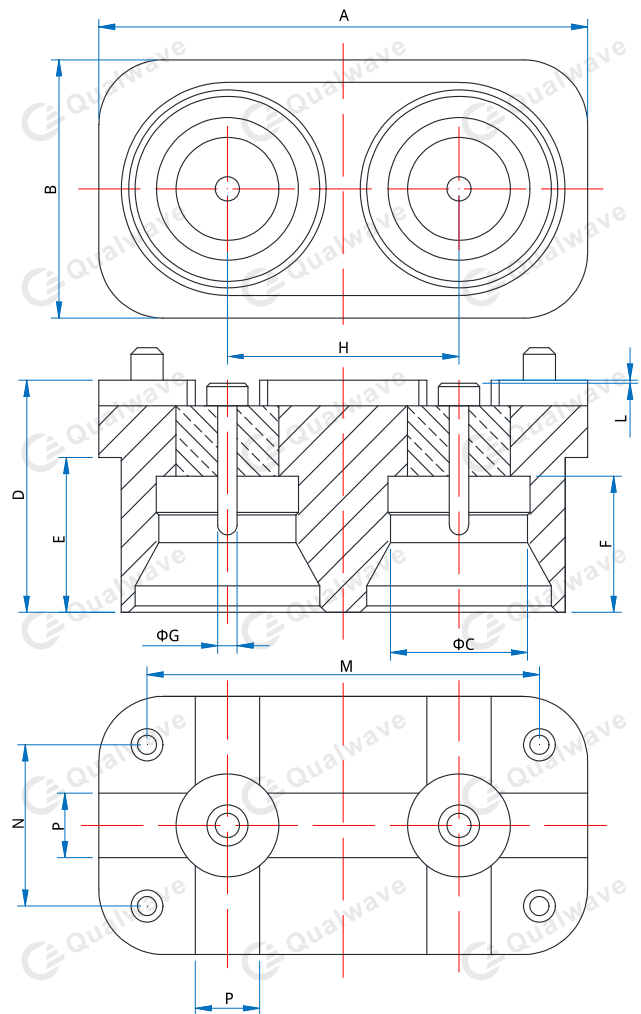
[3] According to customer requirements, it can reach 96 hours.

How To Order

FC-2-MO-02

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	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]