

FCPL-ML20-M38-01

SMP Connector, DC~35GHz

Features:

- * Low VSWR

Applications:

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

Electrical

Frequency: DC~35GHz

Impedance of Dielectric: 5000MΩ min.

Voltage Withstand^{*1}: 500V

Impedance: 50Ω

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

Mechanical

RF Connector: SMP male

Mating Life Cycle: 500 cycles

Detent Mode: Limited detent

Outer Conductor: Gold-plated and nickel-plated kovar alloy (4J29)

Dielectric: Glass

Inner Conductor: Gold-plated and nickel-plated kovar alloy (4J29)

Environmental

Temperature: -65~+165°C

Seal: 1.013×10^{-3} Pa.cm³/s (He) max.

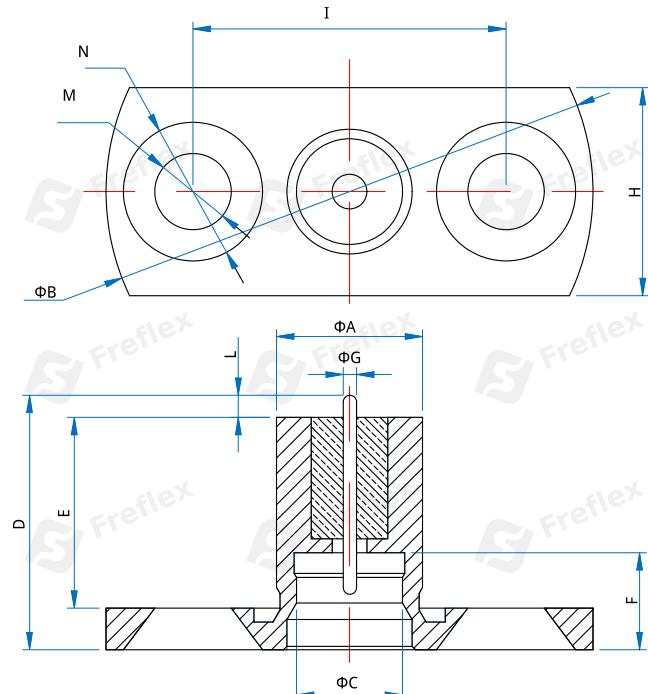
Salt Fog^{*2}: 48h min.

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

How To Order

FCPL-ML20-M38-01

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	L	H	I	M	N
4.2	14	3.05	6.7	5.5	2.8	0.38	0.1	6	9	2.2	4
[.165]	[.551]	[.12]	[.264]	[.217]	[.11]	[.015]	[.004]	[.236]	[.354]	[.087]	[.157]