

FCPF-MYO-M

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.

Environmental

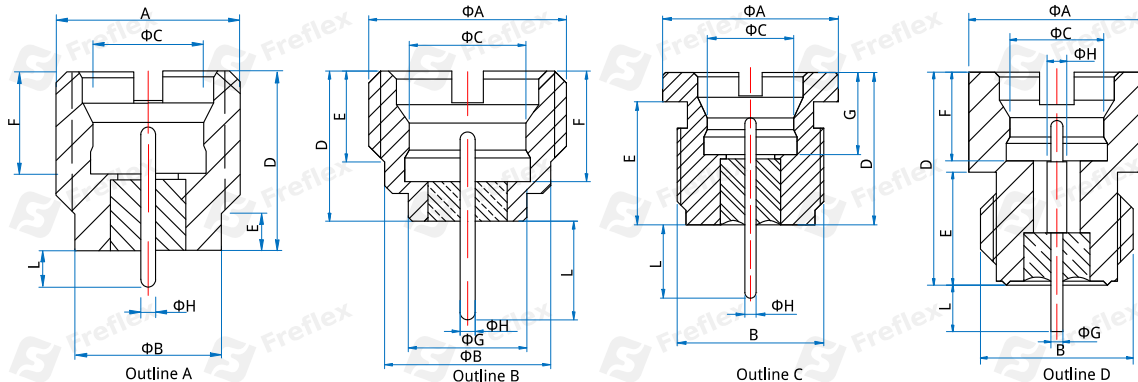
Temperature: -65~+165°C
Seal: 1.013*10⁻³ Pa.cm³/s (He) max.
Salt Fog*2: 48h min.

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

Mechanical

RF Connector: SMP male
Mating Life Cycle: 100 cycles
Detent Mode: Full detent
Outer Conductor: Gold-plated and nickel-plated kovar alloy (4J29)
Dielectric: Glass
Inner Conductor: Gold-plated and nickel-plated kovar alloy (4J29)

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Part Number	A	B	C	D	E	F	G	H	L	Outline Drawings
FCPF-MYO-M38-01	10-48UNS-2A	3.9 [.154]	2.95 [.116]	5.46 [.215]	1.8 [.071]	2.8 [.11]	-	0.38 [.015]	0.89 [.035]	Outline A
FCPF-MYO-M38-02	M5*0.5-6g	4.2 [.165]	2.95 [.116]	3.8 [.15]	0.7 [.028]	2.8 [.11]	-	0.38 [.015]	2.5 [.098]	Outline B
FCPF-MYO-M38-03	6 [.236]	M5*0.5-6g	2.95 [.116]	5.2 [.205]	3.5 [.138]	-	2.8 [.11]	0.38 [.015]	2.5 [.098]	Outline C
FCPF-MYO-M38-04	6 [.236]	M5*0.5-6g	2.95 [.116]	5.2 [.205]	4.2 [.165]	-	2.8 [.11]	0.38 [.015]	1.5 [.059]	Outline C
FCPF-MYO-M38-05	6 [.236]	M5*0.5-6g	2.95 [.116]	5.2 [.205]	4.2 [.165]	-	2.8 [.11]	0.38 [.015]	6 [.236]	Outline C
FCPF-MYO-M38-06	5.54 [.218]	10-32UNF-2A	2.95 [.116]	6.71 [.264]	3.56 [.14]	2.79 [.11]	0.38 [.015]	0.62 [.024]	1.46 [.057]	Outline D