

FCPL-MYO-M

SMP Connector, DC~40GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Specifications

Frequency	VSWR	Impedance of Dielectric	Voltage Withstand	Seal	Salt Fog	Temperature	Outer Conductor	Inner Conductor	Outline Drawings
(GHz)	(max.)	(MΩ min.)	(V DC)	(Pa.cm ³ /s) (He) max.	(h min.)	(°C)			
DC~40	1.3	5000	335	-	-	-55~+165	Gold plated kovar alloy (4J29)	Gold plated kovar alloy (4J29) or gold plated beryllium copper	Outline A
	1.25	-	-					Gold plated kovar alloy (4J29)	Outline B
DC~35	-	5000 (500V DC)	500*1	1.013*10 ⁻³	48*2	-65~+165	Gold-plated and nickel-plated kovar alloy (4J29)		Outline C~G

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

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

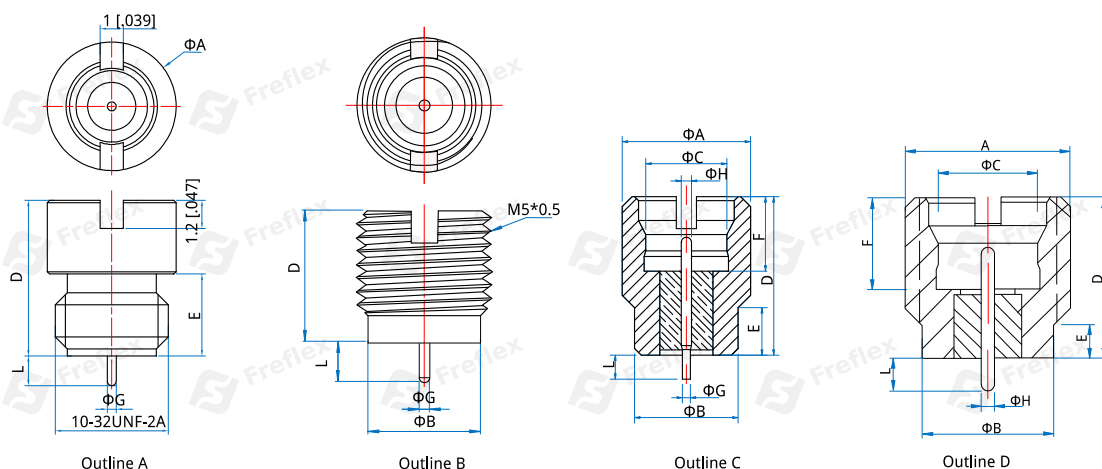
Electrical

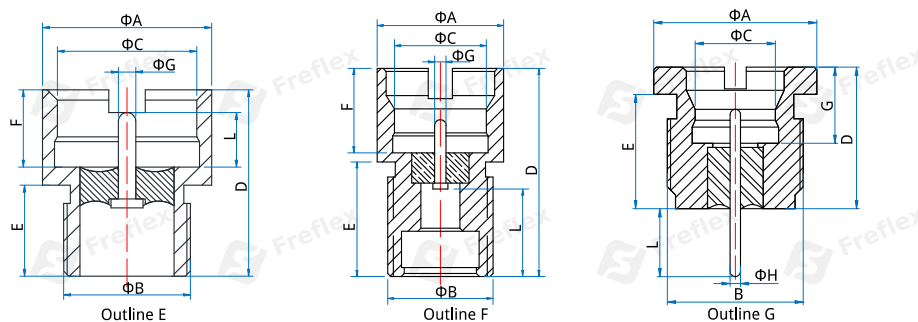
Impedance of Inner Conductor: 6mΩ max. (Outline A)
Impedance of Outer Conductor: 2mΩ max. (Outline A)
Impedance: 50Ω

Mechanical

RF Connector: SMP male
Mating Life Cycle: 500 cycles
Detent Mode: Limited detent
Dielectric: Glass

Outline Drawings





Unit: mm [in]

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

Part Number	A	B	C	D	E	F	G	H	L	Outline Drawings
FCPL-MYO-M38-01	5.5 [.217]	-	-	6.65 [.262]	3.5 [.138]	-	0.38 [.015]	-	1.27 [.05]	Outline A
FCPL-MYO-M38-02	-	4.2 [.165]	-	4.9 [.193]	-	-	0.38 [.015]	-	1.5 [.059]	Outline B
FCPL-MYO-M38-03	-	4.2 [.165]	-	4.9 [.193]	-	-	0.38 [.015]	-	3.5 [.138]	Outline B
FCPL-MYO-M38-04	10-48UNS-2A	3.9 [.154]	3.05 [.12]	5.9 [.232]	1.8 [.071]	2.79 [.11]	0.3 [.012]	0.38 [.015]	0.9 [.035]	Outline C
FCPL-MYO-M38-05	10-48UNS-2A	3.9 [.154]	3.05 [.12]	5.9 [.232]	1.8 [.071]	2.79 [.11]	0.3 [.012]	0.38 [.015]	1.65 [.065]	Outline C
FCPL-MYO-M38-06	M4.5*0.5-6h	2.6 [.102]	3.05 [.12]	4.5 [.177]	1.3 [.051]	2.8 [.11]	-	0.38 [.015]	1.4 [.055]	Outline D
FCPL-MYO-M38-07	M5*0.5	4 [.157]	3.05 [.12]	4.9 [.193]	1 [.039]	2.8 [.11]	-	0.38 [.015]	3.5 [.138]	Outline D
FCPL-MYO-M38-08	M5*0.5	4 [.157]	3.05 [.12]	4.9 [.193]	1 [.039]	2.8 [.11]	-	0.38 [.015]	1 [.039]	Outline D
FCPL-MYO-M38-09	M5*0.5*6g	3 [.118]	3.05 [.12]	4.6 [.181]	1.1 [.043]	2.8 [.11]	-	0.38 [.015]	1.5 [.059]	Outline D
FCPL-MYO-M40-01	10-48UNS-2A	4 [.157]	3.05 [.12]	4.2 [.165]	1.2 [.047]	2.8 [.11]	-	0.4 [.016]	1.2 [.047]	Outline D
FCPL-MYO-M38-10	3.7 [.146]	M3*0.35-6g	3.05 [.12]	4.1 [.161]	2 [.079]	1.7 [.067]	0.38 [.015]	-	1.2 [.047]	Outline E
FCPL-MYO-M38-11	4.2 [.165]	M3.5*0.35-6g	3.05 [.12]	6.9 [.272]	3.8 [.15]	2.8 [.11]	0.38 [.015]	-	2.9 [.114]	Outline F
FCPL-MYO-M38-12	6 [.236]	M5*0.5-6g	3.05 [.12]	5 [.197]	4 [.157]	-	2.8 [.11]	0.38 [.015]	2 [.079]	Outline G