

FCGS-MYO-M

SSMP Connector, DC~45GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency: DC~45GHz
Impedance of Dielectric: 1000MΩ (500V DC) min.
Voltage Withstand*1: 325V
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.

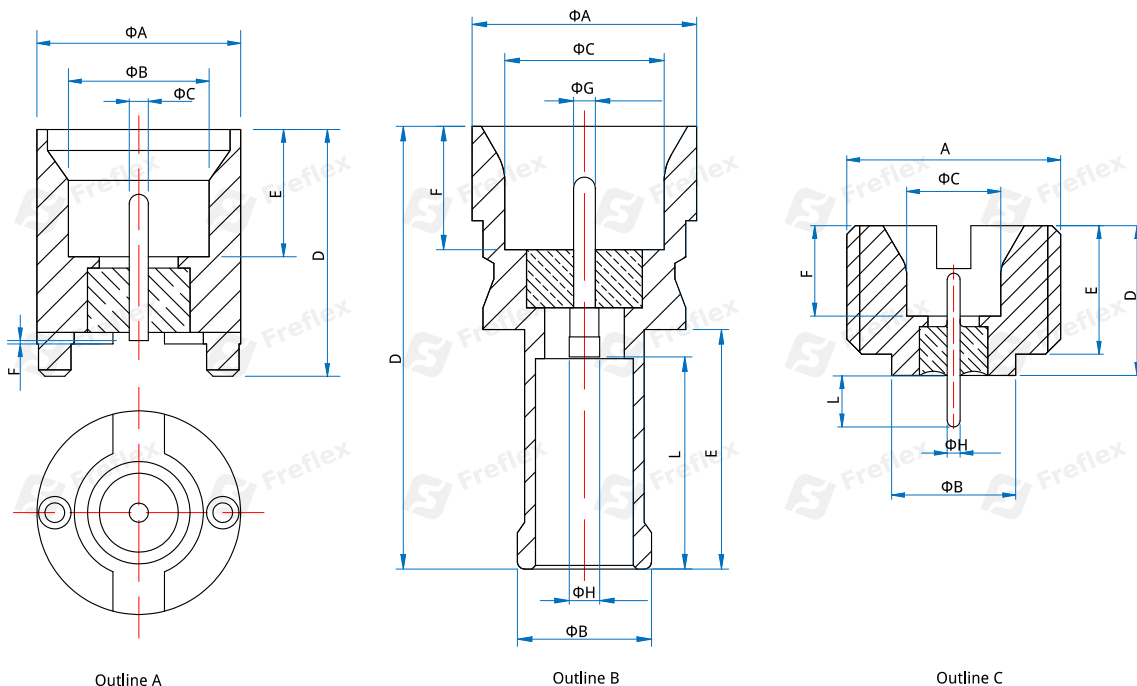
[2] According to customer requirements, it can reach 96 hours.

Mechanical

RF Connector*3: 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)

[3] Mateable with GPPO, SMPM & Mini-SMP.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Part Number	A	B	C	D	E	F	G	H	L	Outline Drawings
FCGS-MYO-M30-01	3.2 [.126]	2.21 [.087]	0.3 [.012]	3.88 [.153]	2 [.079]	0.05 [.002]	-	-	-	Outline A

FCGS-MYO-M30-02	3.1 [.122]	1.85 [.073]	2.2 [.087]	6.1 [.24]	3.3 [.13]	1.7 [.067]	0.3 [.012]	0.42 [.017]	2.9 [.114]	Outline B
FCGS-MYO-M30-03	M5*0.5-6g	2.9 [.114]	2.2 [.087]	3.5 [.138]	3 [.118]	2.11 [.083]	-	0.3 [.012]	1.2 [.047]	Outline C
FCGS-MYO-M30-04	M4*0.5-6g	2.9 [.114]	2.2 [.087]	3.5 [.138]	2.7 [.106]	2.11 [.083]	-	0.3 [.012]	1.2 [.047]	Outline C