

FCS-ML2G-P

SMA Connector, DC~27GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency:	DC~26.5GHz (Outline A) DC~27GHz
VSWR:	1.15 max.
Impedance of Dielectric:	5000MΩ min. (Outline A)
Impedance of Inner Conductor:	3mΩ max. (Outline A)
Impedance of Outer Conductor:	2mΩ max. (Outline A)
Voltage Withstand:	1000V DC (Outline A)
Impedance:	50Ω (Outline A)

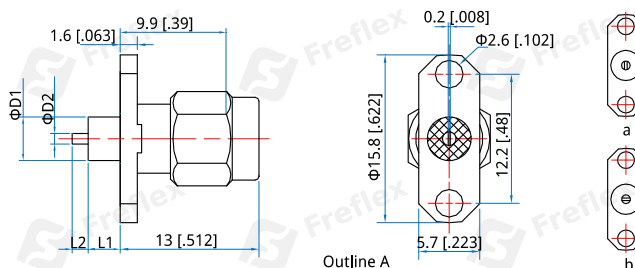
Mechanical

RF Connector:	SMA male
Mating Life Cycle:	500 cycles (Outline A)
Outer Conductor:	Passivated SUS303 stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

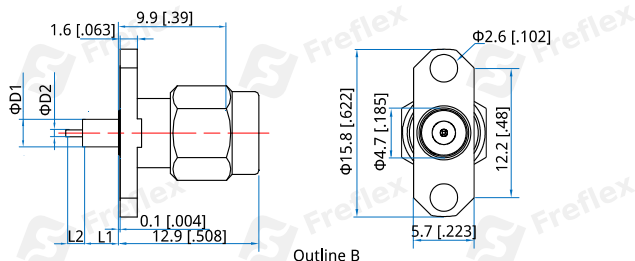
Environmental

Temperature:	-55~+165°C
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Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2	
FCS-ML2G-P100-01	4.1 [.161]	1 [.04]	4 [.158]	1.5 [.059]	a
FCS-ML2G-P100-02	4.1 [.161]	1 [.04]	4 [.158]	1.5 [.059]	b



Part Number	ΦD1	ΦD2	L1	L2
FCS-ML2G-P30-01	2.2 [.087]	0.3 [.012]	3.2 [.126]	1.27 [.05]

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]