

# QCA-FL4G-M

## SSMA Connector, DC~40GHz

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

### Electrical

Frequency:	DC~40GHz
VSWR:	1.2 max.
Impedance of Dielectric:	1000MΩ min.
Impedance of Inner Conductor:	5mΩ max.
Impedance of Outer Conductor:	2.5mΩ max.
Voltage Withstand:	750V DC
Impedance:	50Ω

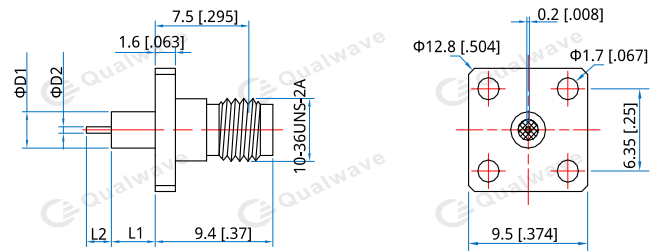
### Mechanical

RF Connector:	SSMA Female
Mating Life Cycle:	500 cycles
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
QCA-FL4G-M60-01	2.8 [.11]	0.6 [.024]	3.1 [.122]	2 [.079]

Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]