

# QC2-FL4G-M

## 2.4mm Connector, DC~50GHz

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~50GHz
VSWR:	1.15 max.
Impedance of Dielectric:	3000M $\Omega$ min.
Impedance of Inner Conductor:	3m $\Omega$ max.
Impedance of Outer Conductor:	2m $\Omega$ max.
Voltage Withstand:	750V DC
Impedance:	50 $\Omega$

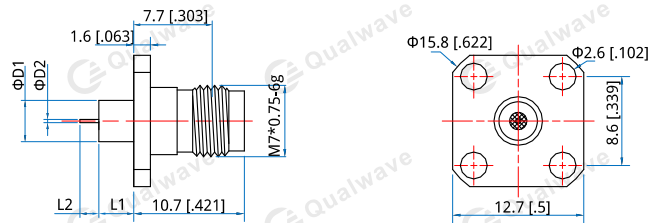
### Mechanical

RF Connector:	2.4mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE or PEI
Inner Conductor:	Gold Plated Beryllium Copper

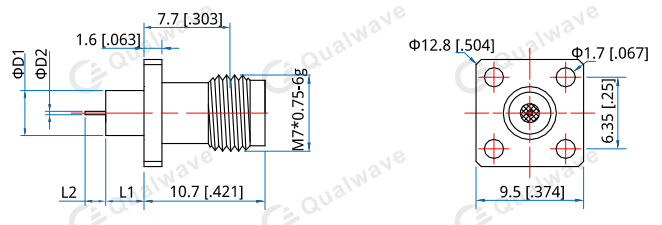
### Environmental

Temperature:	-55~+165 $^{\circ}$ C
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### Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2
QC2-FL4G-M30-01	4 [.158]	0.3 [.012]	1.4 [.055]	1.5 [.059]
QC2-FL4G-M30-02	4 [.158]	0.3 [.012]	3 [.118]	1.5 [.059]



Part Number	ΦD1	ΦD2	L1	L2
QC2-FL4G-M30-03	4 [.158]	0.3 [.012]	1.4 [.055]	1.5 [.059]
QC2-FL4G-M30-04	4 [.158]	0.3 [.012]	3 [.118]	1.5 [.059]

Unit: mm [in]  
Tolerance:  $\pm 0.2$ mm [ $\pm 0.008$ in]