

QCV-FL2G-D

1.85mm Connector, DC~67GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency:	DC~67GHz
VSWR:	1.25 max.
Impedance of Dielectric:	3000M Ω min.
Impedance of Inner Conductor:	3m Ω max.
Impedance of Outer Conductor:	2.5m Ω max.
Voltage Withstand:	500V DC
Impedance:	50 Ω

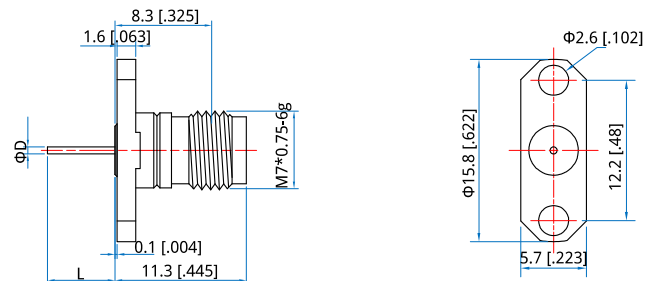
Mechanical

RF Connector:	1.85mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI
Inner Conductor:	Gold Plated Beryllium Copper

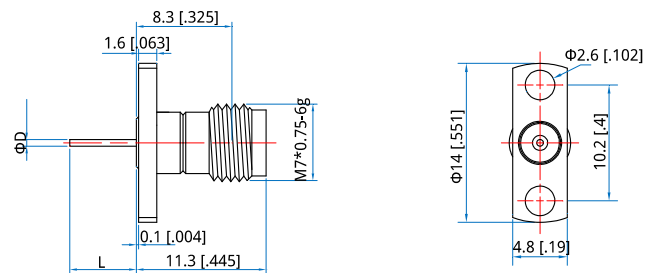
Environmental

Temperature:	-55~+165°C
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Outline Drawings



Part Number	ΦD	L
QCV-FL2G-D30-01	0.3 [.012]	1.2 [.047]
QCV-FL2G-D30-02	0.3 [.012]	2 [.079]
QCV-FL2G-D58-03	0.58 [.023]	5.85 [.23]



Part Number	ΦD	L
QCV-FL2G-D30-04	0.3 [.012]	1.2 [.047]
QCV-FL2G-D30-05	0.3 [.012]	2 [.079]
QCV-FL2G-D58-06	0.58 [.023]	5.85 [.23]

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