

# FCV-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:	3000MΩ min.
Impedance of Inner Conductor:	3mΩ max.
Impedance of Outer Conductor:	2.5mΩ max.
Voltage Withstand:	500V DC
Impedance:	50Ω

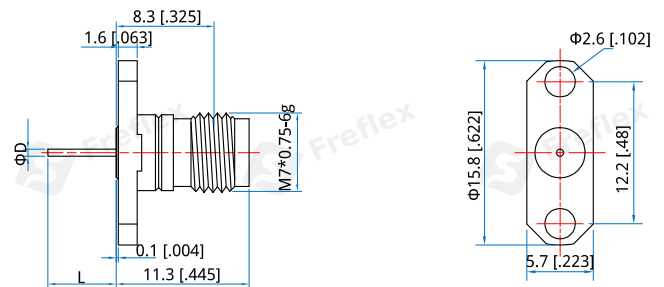
### Mechanical

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

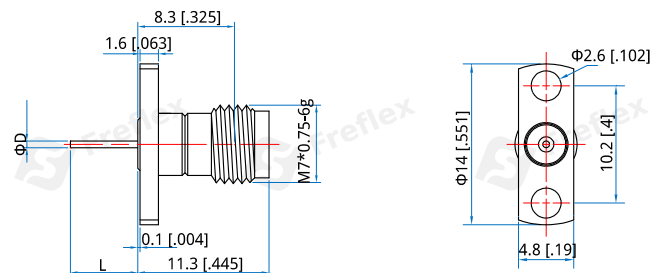
### Environmental

Temperature:	-55~+165°C
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### Outline Drawings



Part Number	ΦD	L
FCV-FL2G-D30-01	0.3 [0.012]	1.2 [0.047]
FCV-FL2G-D30-02	0.3 [0.012]	2 [0.079]
FCV-FL2G-D58-03	0.58 [0.023]	5.85 [0.23]



Part Number	ΦD	L
FCV-FL2G-D30-04	0.3 [0.012]	1.2 [0.047]
FCV-FL2G-D30-05	0.3 [0.012]	2 [0.079]
FCV-FL2G-D58-06	0.58 [0.023]	5.85 [0.23]

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