

# FCV-FYG-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

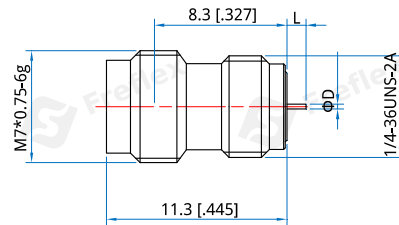
### Mechanical

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

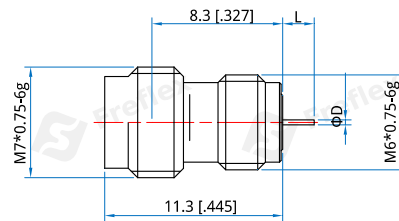
### Environmental

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



Part Number	ΦD	L
FCV-FYG-D30-01	0.3 [.012]	1.2 [.047]
FCV-FYG-D30-02	0.3 [.012]	2 [.079]



Part Number	ΦD	L
FCV-FYG-D30-03	0.3 [.012]	1.2 [.047]
FCV-FYG-D30-04	0.3 [.012]	2 [.079]