

# QCV-FYG-S-02

## 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

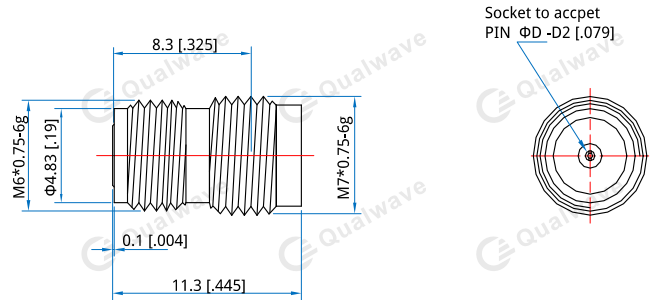
### Mechanical

RF Connector:	1.85mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI
Inner Conductor:	Gold Plated Beryllium Copper
Accept PIN:	ΦDmm, depth 2mm max.

### Environmental

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



Size	D	
mm	0.23	0.30
in	0.009	0.012

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

[QCV-FYG-S23-02](#) - ΦD: Φ0.23mm

[QCV-FYG-S30-02](#) - ΦD: Φ0.3mm

Customization is available upon request.