

QCK-FYG-S-02

2.92mm Connector, DC~40GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

| | |
|-------------------------------|-------------|
| Frequency: | DC~40GHz |
| VSWR: | 1.15 max. |
| Impedance of Dielectric: | 3000MΩ min. |
| Impedance of Inner Conductor: | 3mΩ max. |
| Impedance of Outer Conductor: | 2mΩ max. |
| Voltage Withstand: | 750V DC |
| Impedance: | 50Ω |

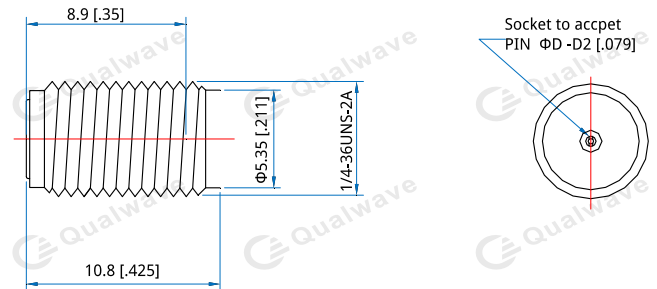
Mechanical

| | |
|--------------------|-----------------------------------|
| RF Connector: | 2.92mm Female |
| Mating Life Cycle: | 500 cycles |
| Outer Conductor: | Passivated SUS303 Stainless Steel |
| Dielectric: | PEI & PTFE or PEI |
| Inner Conductor: | Gold Plated Beryllium Copper |
| Accept PIN: | ΦDmm, depth 2mm max. |

Environmental

| | |
|--------------|------------|
| Temperature: | -55~+165°C |
|--------------|------------|

Outline Drawings



| Size | D | | | | |
|------|-------|-------|-------|-------|------|
| mm | 0.23 | 0.30 | 0.38 | 0.46 | 0.51 |
| in | 0.009 | 0.012 | 0.015 | 0.018 | 0.02 |

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

How To Order

- [QCK-FYG-S23-02](#) - ΦD: Φ0.23mm
- [QCK-FYG-S30-02](#) - ΦD: Φ0.3mm
- [QCK-FYG-S38-02](#) - ΦD: Φ0.38mm
- [QCK-FYG-S46-02](#) - ΦD: Φ0.46mm
- [QCK-FYG-S51-02](#) - ΦD: Φ0.51mm

Customization is available upon request.