

Connectors

FPCK-FL2G-S-01

2.92mm Connector, DC~40GHz

Features:
• Low VSWR

Applications:
• Wireless
• Radar
• Instruments
• Electronics

Electrical

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

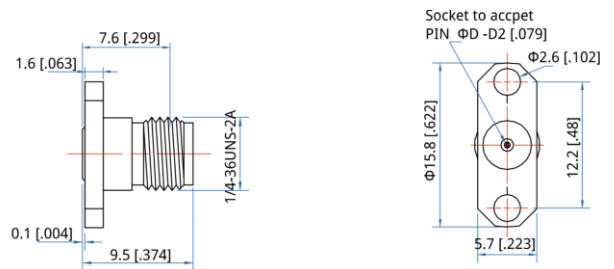
Mechanical

| | |
|--------------------------|--------------------------------------|
| 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: ±0.02mm [±0.008in]