

## Connectors

### FPCK-FL4G-S-03

2.92mm Connector, DC~40GHz

**Features:**  
• Low VSWR

**Applications:**  
• Wireless  
• Radar  
• Instruments  
• Electronics

#### Electrical

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

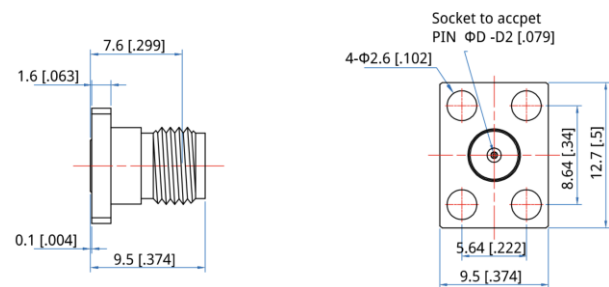
#### Mechanical

<b>RF Connector</b>	2.92mm Female
<b>Mating Life Cycle</b>	500 cycles
<b>Outer Conductor</b>	Passivated SUS303 Stainless Steel
<b>Dielectric</b>	PEI & PTFE or PEI
<b>Inner Conductor</b>	Gold plated Beryllium Copper
<b>Accept PIN</b>	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]