

# FCK-FB-B30

## 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

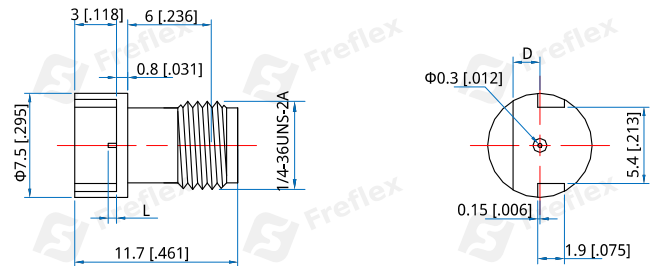
### Mechanical

RF Connector:	2.92mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Gold Plated Brass
Dielectric:	PEI & PTFE or PEI
Inner Conductor:	Gold Plated Beryllium Copper

### Environmental

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



Part Number	D	L	Plate Thickness
FCK-FB-B30-02	1.93 [0.076]	0.6 [0.023]	1.78 [0.07]
FCK-FB-B30-03	0.76 [0.03]	0.6 [0.023]	0.61 [0.024]
FCK-FB-B30-04	1.02 [0.04]	0.6 [0.023]	0.87 [0.034]
FCK-FB-B30-05	2.45 [0.096]	0.6 [0.023]	2.3 [0.091]

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