

Connectors

FPCK-FYG-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

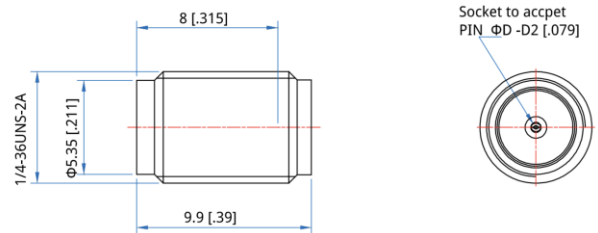
Mechanical

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]