

# 2.92mm Connector

## PKM-S03-000

www.gigalane.com



GigaLane 2.92mm Connectors are precision connectors for optimum RF performance up to 40 GHz. 2.92mm connectors feature high mechanical stability and excellent repeatability. The connector is compatible with 3.5mm and SMA connectors. It is applicable to military and telecommunication application.

### ► Specification

#### Electrical

Frequency	DC ~ 40 GHz
Impedance	50 Ω
VSWR	1.25 : 1 to 40 GHz
Insulation Resistance	5000 MΩ
Dielectric Withstand Voltage	1200 Vrms Max
Contact Resistance - Outer Conductor - Inner Conductor	2mm Ω max 3mm Ω max
Insertion Loss	0.3 dB max (@40 GHz)
RF Leakage	-90 dB
Power Handling	80W (@2 GHz)

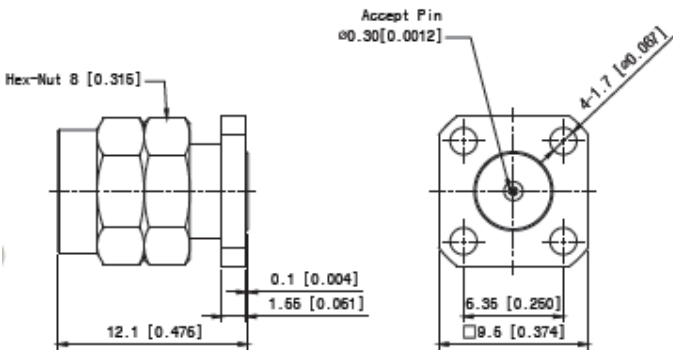
#### Environmental

Temperature	- 40℃ to + 125℃
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion (salt Spray)	MIL-STD-202, Method 101, Condition B, 5% salt
Vibration	MIL-STD-202, Method 204, Condition D (20G)
Moisture Resistance	MIL-STD-202, Method 106

#### Materials

Body	Stainless Steel (Passivated)
Center Contract	Beryllium Copper (Gold Plated)
Insulator	Engineering Plastic

### ► Drawing



Unit : mm [inch]

Part No.	PKM-S03-000
Accept Pin DIA.	0.30 [0.012]
Type	Panel Mount
Gender	Male