

# 2.4mm Connector

## P2F-S03-000

www.gigalane.com



GigaLane 2.4mm Connectors are precision connectors for optimum RF performance up to 50 GHz. The connectors feature excellent mechanical stability, extreme reliability and it maintains highly cost-effective pricing, short lead-time. The connector is compatible with 1.85mm connectors. It is applicable to military and telecommunication application.

### ► Specification

#### Electrical

Frequency	DC ~ 50 GHz
Impedance	50 Ω
VSWR	1.3 : 1 to 50 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	0.35 dB max (@50 GHz)
RF Leakage	-90 dB
Power Handling	70W (@2 GHz)

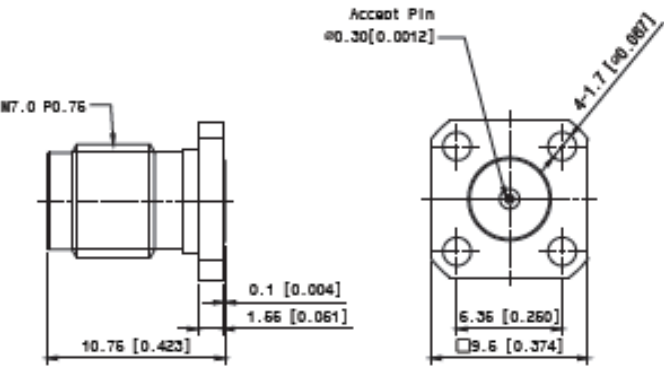
#### Environmental

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.	P2F-S03-000
Accept Pin DIA.	0.30 [0.012]
Type	Panel Mount
Gender	Female