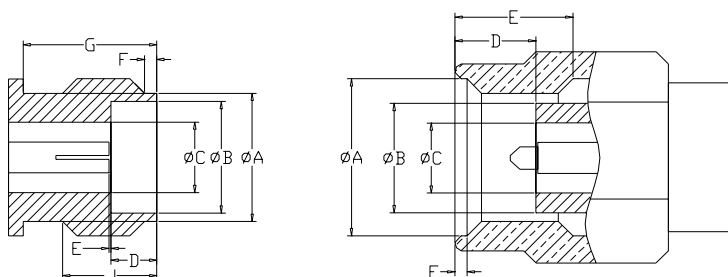


2.92 mm Connector Series

2.92 mm Connectors

PK- Series

GigaLane **2.92 mm connectors (PK-series)** are designed for applications up to 40 GHz. It has a mechanically compatible interface that mates with SMA and 3.5mm connectors. The PK- Series are well suited to applications in components, systems, or instrumentation



2.92mm JACK(FEMALE)

MILLIMETERS (INCHES)		
	MINIMUM	MAXIMUM
A	5.28 mm (0.208)	5.46 mm (0.215)
B	4.6 mm (0.181)	4.65 mm (0.183)
C	2.9 mm (0.1145)	2.94 mm (0.115)
D	1.91 mm (0.075)	1.96 mm (0.077)
E	0.00 mm (0.000)	0.13 mm (0.005)
F	0.51 mm (0.020)	1.02 mm (0.040)
G	5.54 mm (0.218)	
H		6.34 mm (0.249)

2.92mm PLUG (MALE)

MILLIMETERS (INCHES)		
	MINIMUM	MAXIMUM
A	6.48 mm (0.225)	6.73 mm (0.256)
B	4.521 mm (0.178)	4.592 mm (0.1808)
C	2.9 mm (0.1145)	2.934 mm (0.115)
D		3.35 mm (0.132)
E	3.81 mm (0.150)	4.32 mm (0.170)
F	0.51 mm (0.020)	1.02 mm (0.040)

Interface : MIL-STD-348 , 2.92mm

Specifications

No.	Parameters	Specifications
1	Impedance	50 Ohm
2	Frequency Range	DC~40 GHz
3	VSWR	DC to 27.0 GHz..... 1.1 : 1 Max. 27.0 to 40 GHz.....1.16 : 1 Max.
4	Low RF Leakage	< -100 dB
5	Material	Passivated Stainless Steel
6	Contact	Beryllium Copper, Gold Plated per MIL-G-45204
7	Temperature Range	-55 to +125 Degree

2.92 mm Connector Series

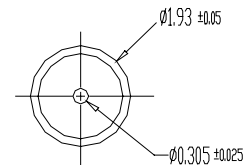
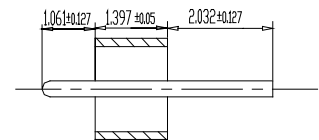
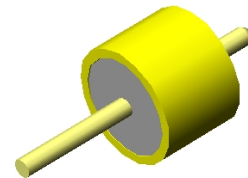
2.92mm Series (PLUG)

- DC to 40 GHz
- Mechanically compatible with SMA and 3.5 mm Connector
- Air Dielectric
- Captivated Center Contact

50 ohm Male Connector

	PKM-S00 2 HOLES 0.48 inch (12.2 mm)
	PKM-S01 2 HOLES 0.40 inch (10.4 mm)
	PKM-S02 4 HOLES 0.50(SQ) inch (12.7 mm)
	PKM-S03 4 HOLES 0.375(SQ) inch (9.5 mm)

With 0.012"
50 ohm Hermetic Seal



- PKM series are designed to thin substrate and narrow width microstrip line.

ex) $0.3\text{mm} < w < 1\text{mm}$, $0.2\text{mm} < t < 0.5\text{mm}$

- Recommended g varies to the transmission line dimensions.

