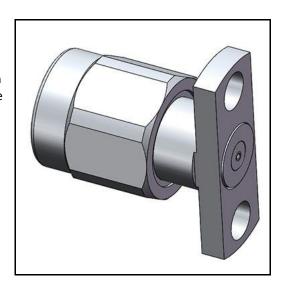


Connector, 2.92mm Male, 2-Hole Panel Mount, Field Replaceable, Socket for .012 Pin, Operating to 40 GHz

#### **Product Features**

P1dB's P1CO-29M-F012 is a 50 Ohm RF connector. It is a 2.92mm male straight, 2 hole flange mount field replaceable designed to mate wiith a .012 inch pin.

The P1CO-29M-F012 has a passivated stainless steel body. Maximum VSWR to 40 GHz is 1.15.



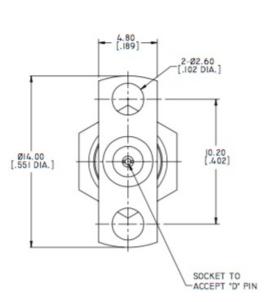
# **Electrical Specification: T**<sub>Ambient</sub> = 25° C

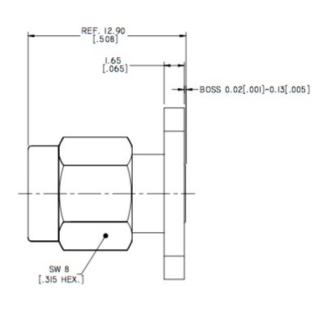
Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		40.0	
Impedance				50.0		

#### **Mechanical And Environmental Specifications:**

Parameter	Description	Notes
RoHS Compliance	Yes	

## **Drawing**





P1dB, Inc.

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Connector, 2.92mm Male, 2-Hole Panel Mount, Field Replaceable, Socket for .012 Pin, Operating to 40 GHz

## Graph

- I.0 MATERIAL & FINISH:
- I.I BODY: STAINLESS STEEL, PASSIVATED
- 1.2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
- 1.3 COUPLING NUT: STAINLESS STEEL, PASSIVATED
- 1.4 INSULATOR: PEI
- 1.5 RETAINING RING: BERYLLIUM COPPER ALLOY, NICKEL PLATED
- 2.0 ENVIRONMENTAL DATA: 2.1 TEMPERATURE RANGE: -55°C~+135°C
- 2.2 2011/65/EU (RoHS): COMPLIANT
- 3.0 ELECTRICAL SPECIFICATIONS:
- 3.I IMPEDANCE: 50 Ω
- 3.2 FREQUENCY RANGE: DC~40GHz
- 3.3 VSWR: 1.10 MAX. @ DC~27GHz 1.15 MAX. @ 27~40GHz

### **Product Notes**

Temp range -35 to +125 deg C.