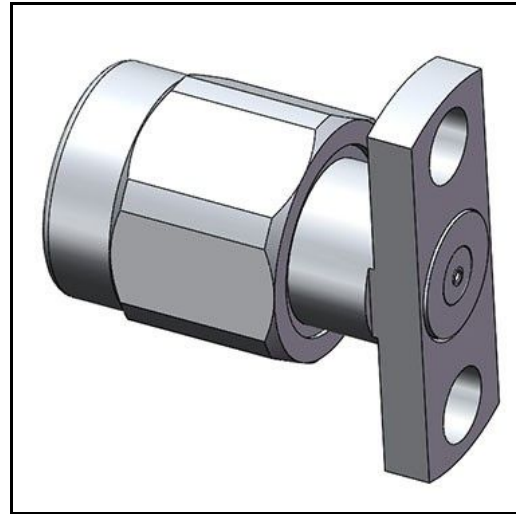


**Product Features**

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 with a .012 inch pin.

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



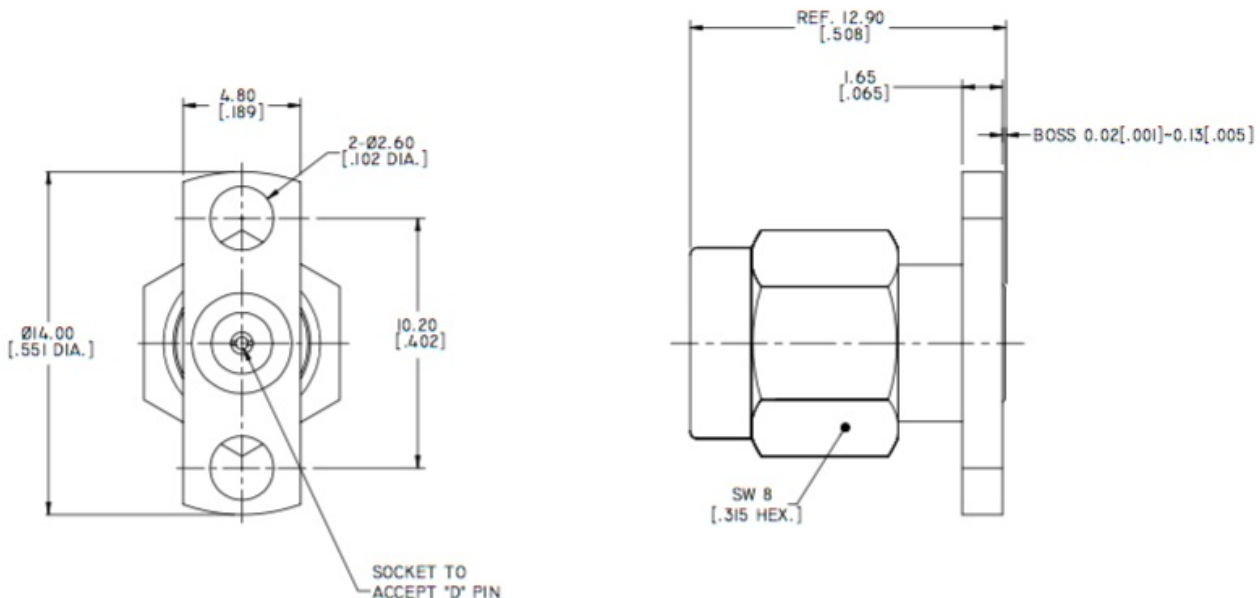
**Electrical Specification: T<sub>Ambient</sub> = 25° C**

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**



## Graph

1.0 MATERIAL & FINISH:  
1.1 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:  
3.1 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.