



### 2.4mm Male DC-50 Ghz

Part Number	Socket Diameter
371P09F2	0.23mm-09 mils
371P12F2	0.30mm-12 mils
371P20F2	0.51mm-20 mils

#### **Specifications:**

Impedance= 50  $\Omega$   
 Frequency= DC - 50 Ghz  
 VSWR : DC - 50 Ghz = 1.15:1 max  
 Contact Resistance: Center Contact  $\leq$  3.0 m $\Omega$   
 Contact Resistance: Housing  $\leq$  2.0 m $\Omega$   
 Insulation Resistance  $\geq$  3000 M $\Omega$   
 Dielectric Withstanding Voltage = 750 V  
 Durability = 500 cycles  
 Temperature Range= -55  $^{\circ}$ C - +165  $^{\circ}$ C  
 Interfaces: **PER IEEE STD 287-2007**

#### **Material / Finish**

Housing: Stainless Steel SU303 Polished / Passivated  
 Center Contact: Beryllium Copper Gold plated (MIL-G-45204)  
 Insulators: PEI or PTFE and PEI

# SigaTek

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## 371PxxF2

Coaxial Connector 50 ohm  
 2.4mm Male

Dimensions are in inches and (mm)  
 Decimal Tolerance:  
 2 place +- 0.020  
 3 place +- 0.010  
 mm (mils)

**CAGE CODE : 69UC1**

Notes: All dimensions are typical unless they are specified.  
 Specifications are subject to change at any time without any notice.  
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