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Approved : *FMB*

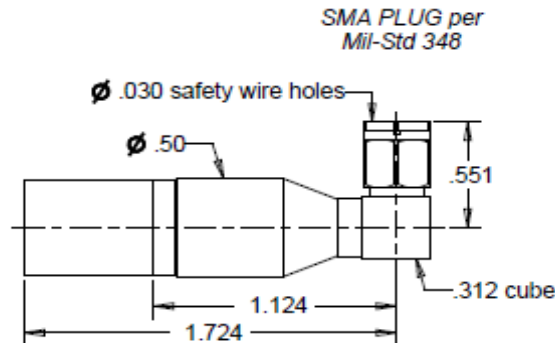
Date : 02/09/17

Rev. 4 : (08/24/22)

Distribution : USER

Uncontrolled if Printed

**SMA (50 Ohm) 90° Plug**  
 for UH22089



Features Not Shown : Interface Gasket

**PERFORMANCE**

Nominal Impedance : 50 Ohms  
 Frequency Range : 0 - 12 GHz  
 Voltage Rating : 335 V(rms)  
 Insulation Resistance : 5000 Megohms  
 DW Voltage : 750 V (rms)  
 Insertion Loss (max) : 0.52 dB max @ 12 GHz  
 Insertion Loss :  $0.15 \sqrt{F(\text{GHz})}$   
 Temperature Rating : -65° to +165° C

**CONNECTOR WEIGHT (Each)**

0.95 ounces (26.7 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

**Center Contact**  
 Solder Only

**Crimp Ferrule**

M22520 / 5-01 Tool  
 M22520 / 5-25 Die Set  
 (.429" A hex)

**CONSTRUCTION**

**Materials:**

Body	Stainless Steel, ASTM-A582, Alloy UNS S30300
Connector Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Cable Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Tellurium Copper, ASTM-B301, C14500, H02 Or Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152, Alloy C12200
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Gasket	Silicone Rubber

**Finish :**

Body	Passivated
Ferrule	Nickel
Center Contact	Gold

**APPLICABLE STANDARDS**

MIL-STD 348, MIL-PRF-39012

**Notes :**

1) A 2.0" piece of Raychem ATUM heat shrink  
 P/N ATUM-16/4-0 provided with connector for  
 purpose of strain relief & moisture protection.

2) Please refer to T-1504XX Termination Instruction  
 sheet for strip dimensions & instructions.