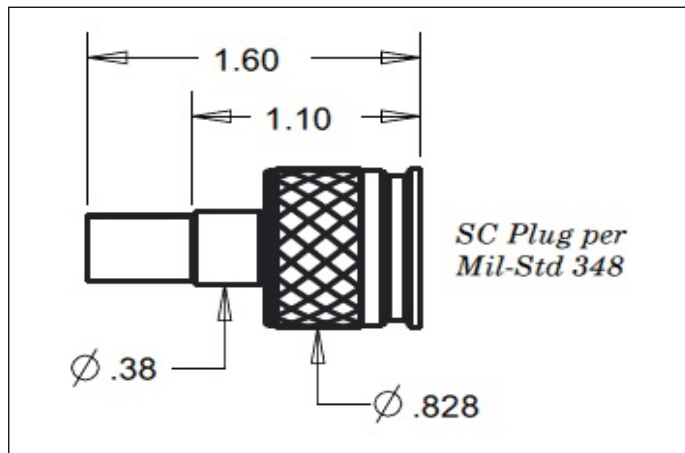


A Division of the Angelus Corporation  
 Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com  
 PO Box 330 Sussex, WI 53089

Approved : *PFT*  
 Distribution : USER

Date : 08/05/16  
 Rev. 2 (12/12/19)  
 Uncontrolled if Printed

**SC (50 Ohm) Straight Plug RF Connector**  
*for UH67163*



Features Not Shown : Safety Wire Holes, Gasket in Front

**PERFORMANCE**

Nominal Impedance : 50 Ohms  
 Frequency Range : 0 - 11 GHz  
 Voltage Rating : 1000 V(rms)  
 Insulation Resistance : 5000 Megohms min.  
 DW Voltage : 3000 V (rms)  
 Insertion Loss (max) : 0.17 dB max @ 11 GHz  
 Insertion Loss :  $0.05 \sqrt{f(\text{GHz})}$   
 Temperature Rating : -65° to +165° C

**CONNECTOR WEIGHT (Each)**

1.28 ounces (36.29 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

**Center Contact**

Solder Only

**Crimp Ferrule**

M22520 / 5-01 Tool  
 M22520 / 5-41 Die Set  
 (.290" A hex)

**CONSTRUCTION**

**Materials:**

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Outer Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Cable Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft,
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Gasket	Silicone Rubber

**Finish :**

Body, Ferrule	Nickel
Center Contact	Gold

**APPLICABLE STANDARDS**

MIL-STD 348, MIL-PRF-39012

**Notes :**

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-1505XX Termination Instruction sheet for strip dimensions & instructions.