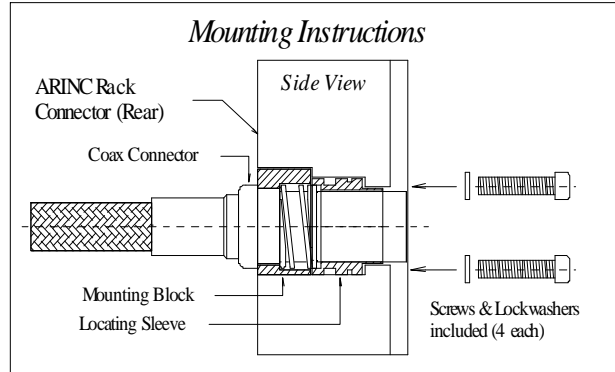
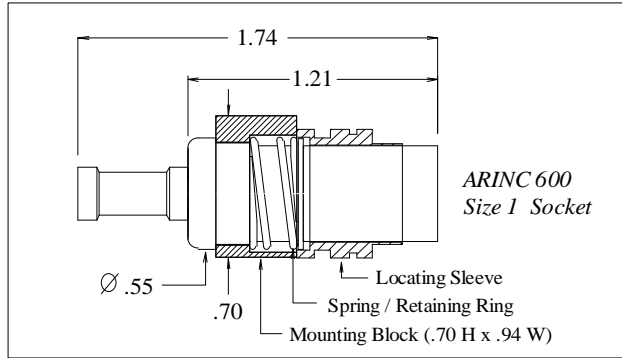
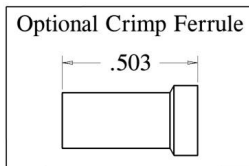


|  |  |                       |
|--|--|-----------------------|
| <b>PIC Wire &amp; Cable</b>  | <b>Connector Specification</b>   | <b>P/N 190801</b>     |
| A Division of the Angelus Corporation<br>Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com<br>PO Box 330 Sussex, WI 53089 | Approved :  | Date 12/15/98         |
|  | Distribution : USER  | Rev. 3 (10/23/14)     |
|  |  | Uncontrolled Document |

**ARINC 600 Size 1 Socket**  
for PIC Cables S83204, S86208, S88207



Features Not Shown : Mounting Screws (4 ea), Lockwashers (4 ea)



**PERFORMANCE**

|                       |              |
|-----------------------|--------------|
| Nominal Impedance     | 50 Ohms      |
| Frequency Range       | 0 - 5 GHz    |
| Voltage Rating        | 1000 VRMS    |
| Insulation Resistance | 5000 Megohms |

**CONNECTOR WEIGHT (Each)**

1.46 ounces (41.50 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

**Center Contact**

M22520 / 2 - 01 Tool,  
Selector Dial @ # 8  
Recommended Positioner :  
PIC # 110201 (Daniels # K1300)

**Weatherproofing Crimp Ferrule**

M22520 / 5 - 01 Tool,  
PIC 190818 Hex Crimp Die  
(.186/.222 hex)

**Optional Crimp Ferrule**

M22520 / 5-01 Tool,  
\*MIL Spec M22520 / 5-09  
(.178 A hex)

\* Note - MIL Spec die to be used on smaller diameter area of "optional" crimp ferrule only. Not the larger "Bell" area on end.

**CONSTRUCTION**

**Materials:**

|                        |  |
|------------------------|--|
| Body                   | Brass, ASTM-B16,<br>Alloy UNS 36000, H02                                 |
| Center Contact         | Beryllium Copper, ASTM-B196,<br>Alloy UNS C17300                         |
| Ferrule                | Brass, ASTM-B16,<br>Alloy UNS 36000, Dead Soft,<br>Weatherseals included |
| Dielectric             | TFE Fluorocarbon, ASTM-D1710,<br>Type 1, Grade 1                         |
| Spring, Retaining Ring | Stainless Steel  |
| Mounting Block         | Aluminum, Alloy 6061 T6  |

**Finish :**

|                        |            |
|------------------------|------------|
| Body, Ferrule          | Gold       |
| Center Contact         | Gold       |
| Spring, Retaining Ring | Passivated |
| Mounting Block         | Iridite    |

**Applicable Standards** ARINC 600

**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-1908XX Termination Instruction sheet for strip dimensions & instructions.