

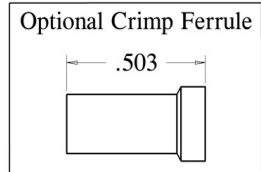
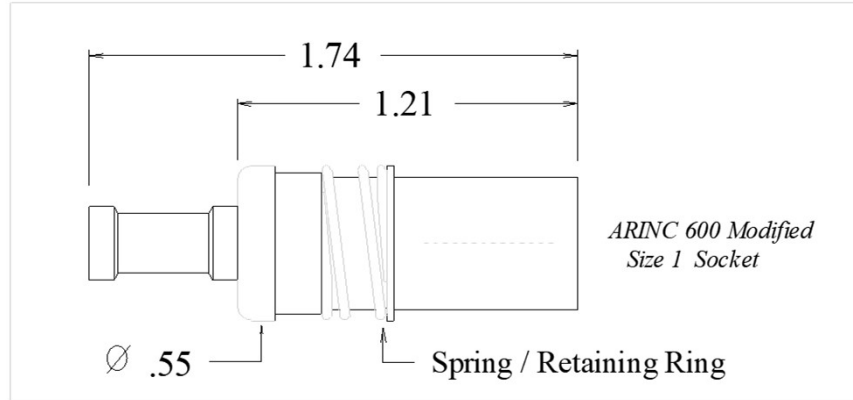
**PIC Wire & Cable****Connector Specification****P/N 190802**

A Division of the Angelus Corporation  
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 PO Box 330 Sussex, WI 53089

Approved : *MCT*  
 Distribution : USER

Date 12/15/98  
 Rev. 6 (09/07/18)  
 Uncontrolled if Printed

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

**PERFORMANCE**

Nominal Impedance	50 Ohms
Frequency Range	0 - 5 GHz
Voltage Rating	1000 V(rms)
Insulation Resistance	5000 Megohms
Dielectric Withstanding Voltage	2500 V(rms)
VSWR (Max)	1.7:1
Insertion Loss (Max)	0.3 dB

**CONNECTOR WEIGHT (Each)**

.78 ounces (22.11 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, Alloy UNS 36000, H02
Center Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Weatherseals included
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Spring, Retaining Ring	Stainless Steel

**Finish :**

Body, Ferrule	Gold
Center Contact	Gold
Spring, Retaining Ring	Passivated

**Applications:**

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.