
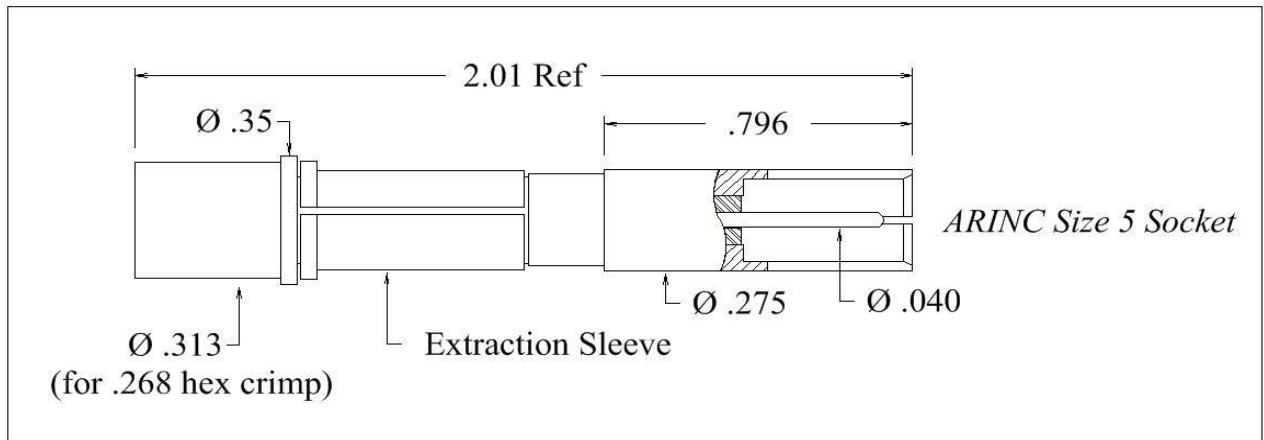


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 190503</b>
A Division of the Angelus Corporation Ph (262) 246-0500 FAX (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 07/08/14
	Distribution : USER	Rev. 0
		Uncontrolled Document

**ARINC Size 5 Socket**  
for PIC Cable S67163



**PERFORMANCE**

Nominal Impedance	50 Ohms
Frequency Range	0 - 2 GHz
Voltage Rating	350 VRMS @ Sea Level
Insulation Resistance	5000 Megohms

**CONNECTOR WEIGHT (Each)**

*tbd*

**RoHS COMPLIANT**

Complies to RoHS standards

**INSTALLATION**

**Crimp Tooling:**

<i>Center Contact</i>	M22520 / 1 - 01 Tool, Selector Dial @ # 6 Recommended Positioner : PIC # 110778 (Daniels # TH735), Selector @ Blue
<i>Crimp Ferrule</i>	M22520 / 5 - 01 Tool, M22520 / 5 - 43 Die Set, Cavity A (.268 hex)

**CONSTRUCTION**

**Materials:**

Body	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Center 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

**Finish :**

Body, Ferrule	Gold
Center Contact	Gold

**Applicable Standards** ARINC 404/600

**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-190503 Termination Instruction sheet for strip dimensions & instructions.