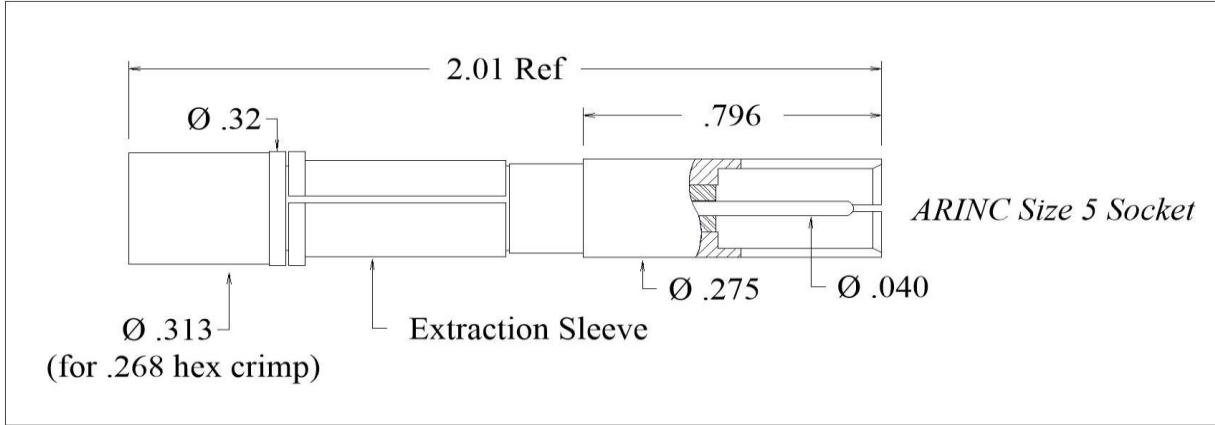


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 190503A</b>
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 FAX (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : <i>PFT</i>	Date : 07/08/14
	Distribution : USER	Rev : 2 (08/10/20)
		Uncontrolled if Printed

**ARINC SIZE 5 SOCKET CONTACT**  
*for PIC Cable S65161, S65161-A*



**PERFORMANCE**

Impedance (nom)	50 Ohms
Frequency Range	0 - 5 GHz
Voltage Rating	325 V(rms)
Insulation Resistance (min)	5000 Megohms
DWV	750 V(rms)
VSWR (max)	1.5:1
Insertion Loss (Max)	0.3 dB

**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
Extraction Sleeve	Nylon, Type 6/6

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