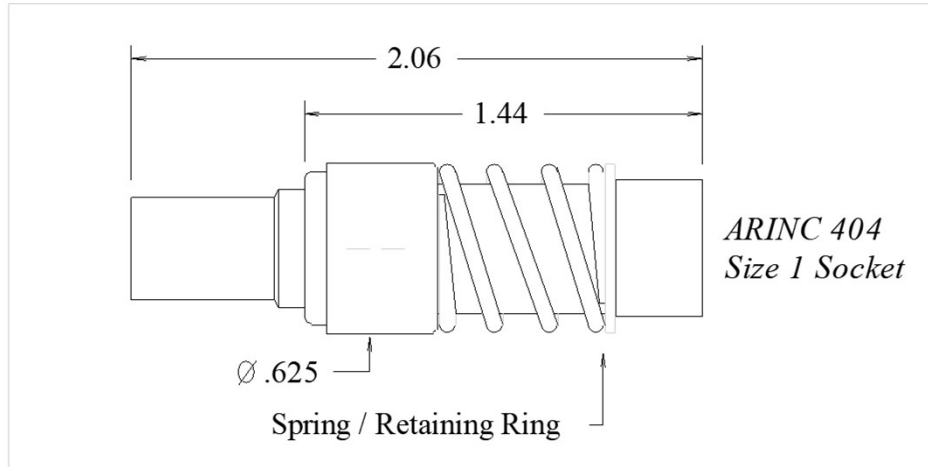


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 190319</b>
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : <i>MCT</i>	Date : 12/29/92
	Distribution : USER	Rev : 5 (05/10/19)
		Uncontrolled if Printed

**ARINC 404 Size 1 Socket Contact**  
*for S33141*



**PERFORMANCE**

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

**CONNECTOR WEIGHT (Each)**

1.24 ounces (35.15 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION (Tooling)**

<b><i>Pic Die Set</i></b>	<b><i>MIL Spec Die Set</i></b>
<u>Center Contact</u>	<u>Center Contact</u>
M22520 / 5 - 01 Tool, PIC 190318 Hex Crimp Die (.098 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-29 (.100 B hex)
<u>Crimp Ferrule</u>	<u>Crimp Ferrule</u>
M22520 / 5 - 01 Tool, PIC 190318 Hex Crimp Die (.324/.392 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-29 (.324 A hex)

\* Note - MIL Spec die to be used on the smaller diameter area of 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

**APPLICABLE STANDARDS**

ARINC 404, MIL-C-81659

**Notes :**

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions.