
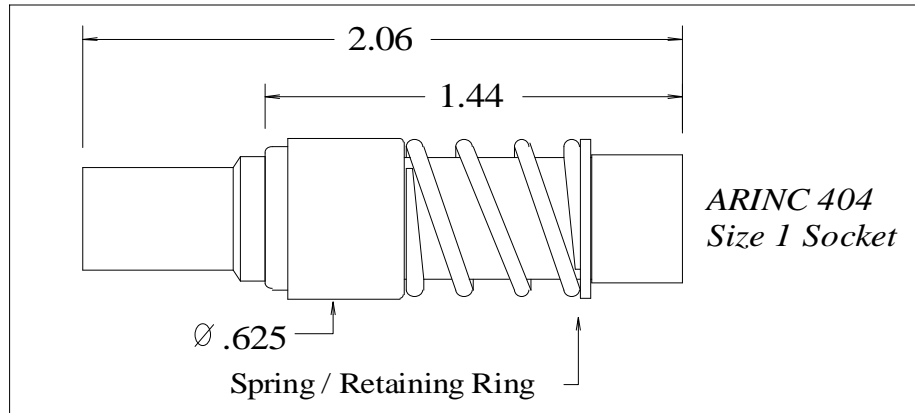


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 190619</b>
A Division of the Angelus Corporation Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date 05/24/00
	Distribution : USER	Rev. 4 (06/18/14)
		Uncontrolled Document

**ARINC 404 Size 1 Socket**  
for S55122



**PERFORMANCE**

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

**CONNECTOR WEIGHT (Each)**

1.23 ounces (34.87 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

<b>Pic Die Set</b>	<b>MIL Spec Die Set</b>
Center Contact	Center Contact
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190618 Hex Crimp Die	MIL Spec *M22520 / 5-57
(.098 hex)	(.100 B hex)
<b>Crimp Ferrule</b>	<b>Crimp Ferrule</b>
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190618 Hex Crimp Die	MIL Spec *M22520 / 5-47
(.359/.432 hex)	(.359 A hex)

**CONSTRUCTION**

<b>Materials:</b>	
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

<b>Applicable Standards</b>	ARINC 404 MIL-C-81659
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**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.

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

PIC Wire & Cable Connector User specification sheets are non-controlled documents. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.