
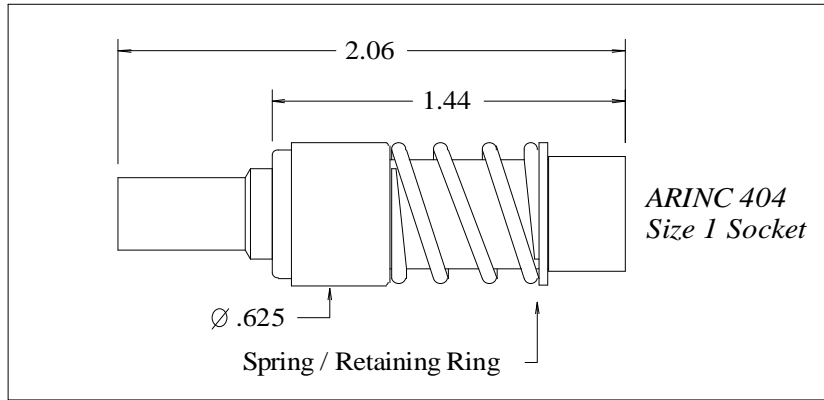


PIC Wire & Cable	Connector Specification	P/N 190519
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date 09/03/97
	Distribution : USER	Rev. 5 (06/18/14)
		Uncontrolled Document

ARINC 404 Size 1 Socket
for S67163



PERFORMANCE

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

CONNECTOR WEIGHT (Each)

1.88 ounces (53.30 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set	MIL Spec Die Set
<i>Center Contact</i>	<i>Center Contact</i>
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190518A Hex Crimp Die (.098 hex)	MIL Spec *M22520 / 5-57 (.100 B hex)
 <i>Crimp Ferrule</i>	 <i>Crimp Ferrule</i>
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190518A Hex Crimp Die (.270/.340 hex)	MIL Spec *M22520 / 5-43 (.268 A hex)

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.
- 1) Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions.

* Notes: 1. PIC 190518 Crimp Die Set superceded by PIC 190518A; either is acceptable for use with 190519 Connectors.
2. 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.