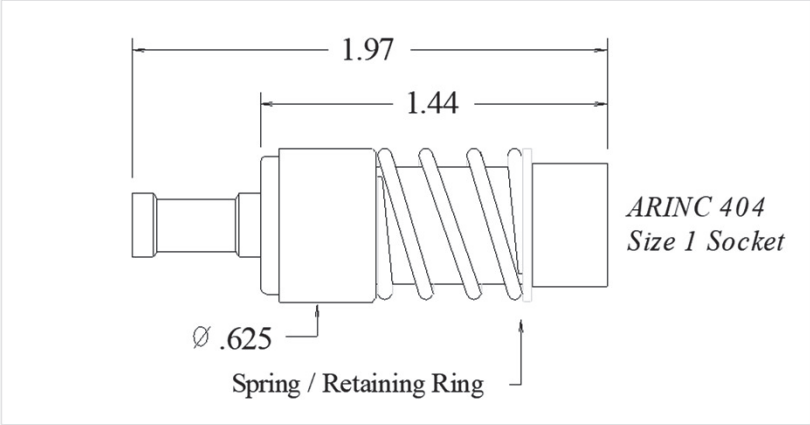
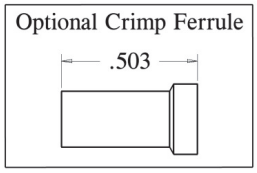
PIC Wire & Cable	Connector Specification	P/N 190819
A Division of the Angelus Corporation Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : MC	Date : 12/15/98 Rev. 4 (10/23/14)
	Distribution : USER	Uncontrolled if Printed

ARINC 404 Size 1 Socket

for PIC Cables S83204, S86208, S88207





PERFORMANCE

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

CONNECTOR WEIGHT (Each)

1.17 ounces (33.17grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Center Contact
M22520 / 2 - 01 Tool,
Selector Dial @ # 8
Recommended Positioner :
PIC # 110201 (Daniels # K1300)

Weatherproofing Crimp Ferrule
M22520 / 5 - 01 Tool,
PIC 190818 Hex Crimp Die
(.186/.222 hex)

Optional Crimp Ferrule
M22520 / 5-01 Tool,
*MIL Spec M22520 / 5-09
(.178 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-12/3-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-1908XX Termination Instruction sheet for strip dimensions & instructions.

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

PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. 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.