
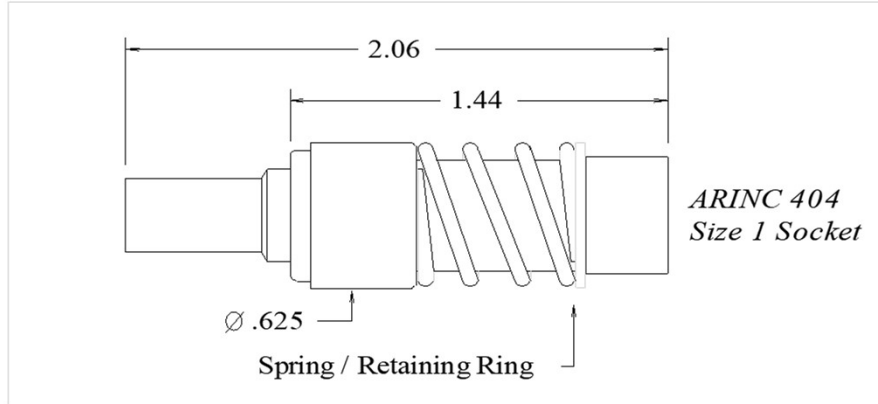


PIC Wire & Cable	Connector Specification	P/N 190519
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 09/03/97
	Distribution : USER	Rev : 6 (05/13/19)
		Uncontrolled if Printed

ARINC 404 Size 1 Socket Contact
for S67163



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)

1.88 ounces (53.30 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set

Center Contact

M22520 / 5 - 01 Tool,
*PIC 190518A Hex Crimp Die
(.098 hex)

Crimp Ferrule

M22520 / 5 - 01 Tool,
*PIC 190518A Hex Crimp Die
(.270/.340 hex)

MIL Spec Die Set

Center Contact

M22520 / 5-01 Tool,
MIL Spec *M22520 / 5-57
(.100 B hex)

Crimp Ferrule

M22520 / 5-01 Tool,
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, 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 PIC 190518 Crimp Die Set superseded by PIC 190518A; either is acceptable for use with 190519 Connectors.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.