
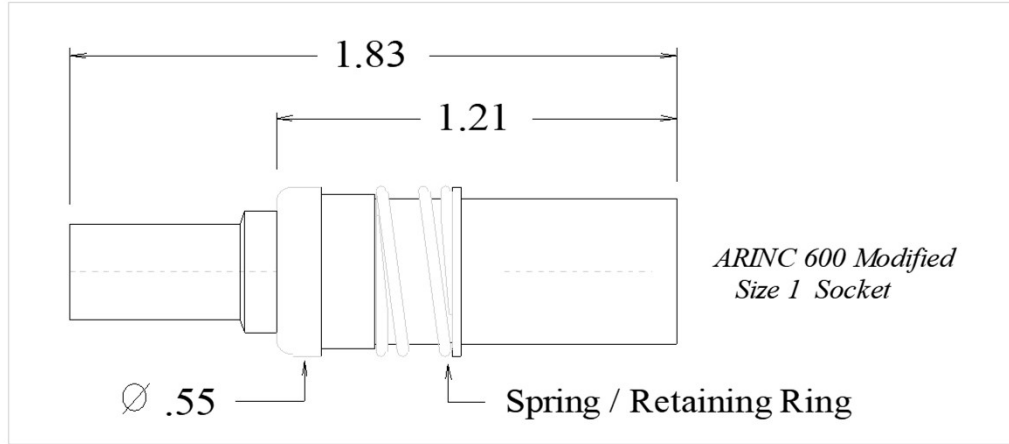


PIC Wire & Cable	Connector Specification	P/N 190502A
A Division of the Angelus Corporation Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 10/30/03
	Distribution : USER	Rev. 4 (09/07/18)
		Uncontrolled if Printed

ARINC 600 Modified Size 1 Socket Contact
for S65161, S65161-A



PERFORMANCE

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

CONNECTOR WEIGHT (Each)

0.76 ounces (21.55 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION (Tooling)

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

APPLICABLE STANDARDS

ARINC 600

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-1905XXA Termination Instruction sheet for strip dimensions & instructions.