

PIC Wire & Cable**Connector Specification****P/N 190502**

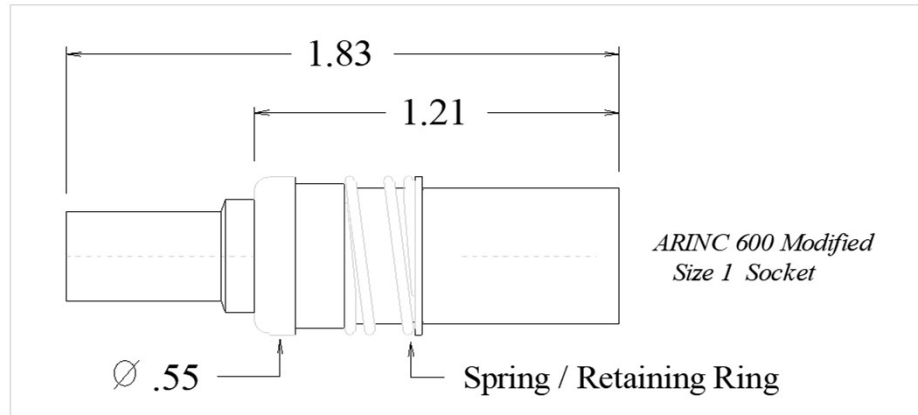
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Approved : *MCT*
 Distribution : USER

Date : 10/05/98
 Rev.: 6 (09/06/18)
 Uncontrolled if Printed

ARINC 600 Modified Size 1 Socket Contact

for S67163

**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***Pic Die Set******Center Contact***

M22520 / 5 - 01 Tool,
 *PIC 190518A Hex Crimp Die
 (.098 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,
 *PIC 190518A Hex Crimp Die
 (.270/.340 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 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-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 PIC 190518 Crimp Die Set superceded by PIC 190518A; either is acceptable for use with 190502 Connectors.
 2. MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" area on end.