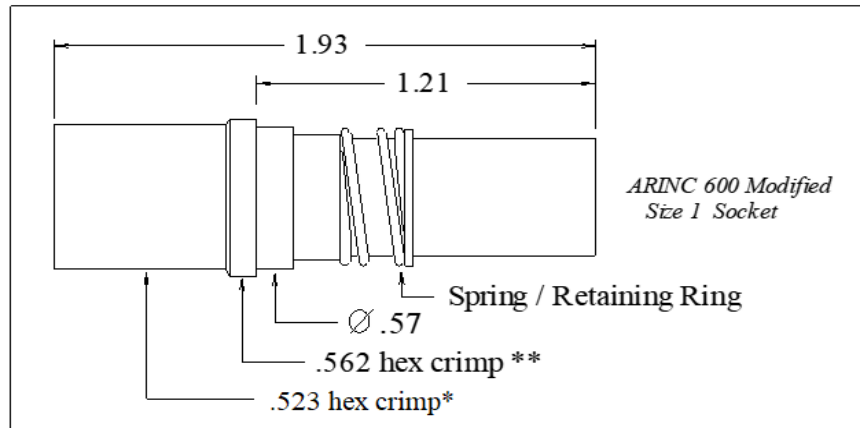


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Approved : *PFT*
 Distribution : USER

Date : 02/20/18
 Rev : 7 (05/18/21)
 Uncontrolled if Printed

ARINC 600 Modified Size 1 Socket Contact
for S22089 & UH25107

**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)

0.83 ounces (23.53 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, PIC 190418 Hex Crimp Die (.132 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-04 (.138 A hex)
<u>Crimp Ferrule</u>	<u>Crimp Ferrule</u>
M22520 / 5 - 01 Tool, PIC 190418 Hex Crimp Die (.523/.562 hex)	M22520 / 5-01 Tool, MIL Spec *M22520 / 5-27 (.532 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	Gold
Center Contact	Gold
Spring, Retaining Ring	Passivated

APPLICABLE STANDARDS

ARINC 600

Notes :

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-19/6-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions for S22089 & T-UH25107 for UH25107.