
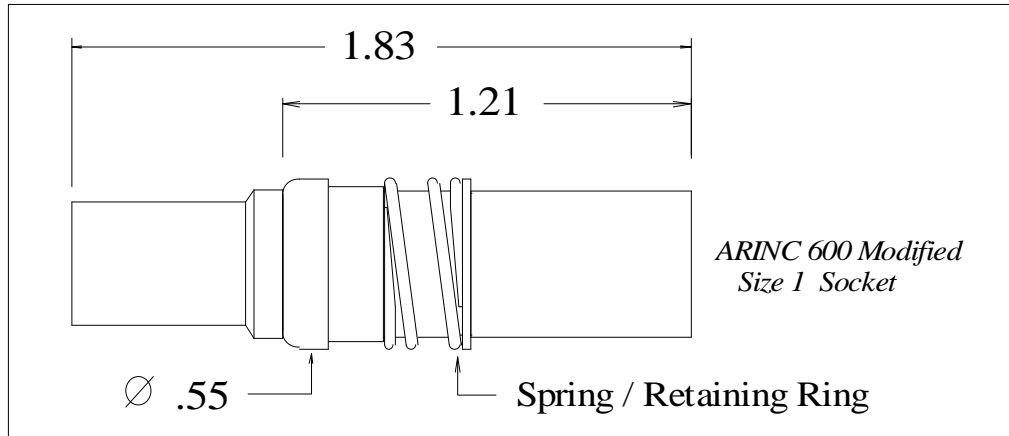


| | | |
|---|---|-----------------------|
| PIC Wire & Cable | Connector Specification | P/N 190602 |
| <i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089 | Approved :  | Date 08/04/97 |
| | Distribution : USER | Rev. 4 (06/18/14) |
| | | Uncontrolled Document |

ARINC 600 Modified Size 1 Socket
for S55122



PERFORMANCE

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

CONNECTOR WEIGHT (Each)

.77 ounces (21.83 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

| | |
|---|--|
| Pic Die Set | MIL Spec Die Set |
| <i>Center Contact</i> | <i>Center Contact</i> |
| M22520 / 5 - 01 Tool, *PIC 190618 Hex Crimp Die (.098 hex) | M22520 / 5-01 Tool, MIL Spec *M22520 / 5-57 (.100 B hex) |
| <i>Crimp Ferrule</i> | <i>Crimp Ferrule</i> |
| M22520 / 5 - 01 Tool, *PIC 190618 Hex Crimp Die (.359/.432 hex) | M22520 / 5-01 Tool, MIL Spec *M22520 / 5-47 (.359 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-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.