**ARINC 600 Size 1 Socket**

for PIC Cables S83204, S86208, S88207

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**PERFORMANCE**

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

**CONNECTOR WEIGHT (Each)**

1.46 ounces (41.50 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

- **Center Contact**
  - M22520 / 2 - 01 Tool,
  - Selector Dial @ # 8
  - Recommended Positioner: PIC # 110201 (Daniels # K1300)

- **Weatherproofing Crimp Ferrule**
  - M22520 / 5 - 01 Tool,
  - PIC 190818 Hex Crimp Die (.186/.222 hex)

- **Optional Crimp Ferrule**
  - M22520 / 5-01 Tool
  - *MIL Spec M22520 / 5-09 (.178 A hex)

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**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
- **Mounting Block**: Aluminum, Alloy 6061 T6

**Finish:**

- **Body, Ferrule**: Gold
- **Center Contact**: Gold
- **Spring, Retaining Ring**: Passivated
- **Mounting Block**: Iridite

**Applicable Standards**

ARINC 600

**Notes:**

1. A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
2. Please refer to T-1908XX Termination Instruction sheet for strip dimensions & instructions.

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*Note - MIL Spec die to be used on smaller diameter area of "optional" crimp ferrule only. Not the larger "Bell" area on end.*