**ARINC 600 Size 1 Socket Contact**

*for S33141*

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### PERFORMANCE

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

### CONNECTOR WEIGHT (Each)

- 1.42 ounces (40.26 grams)

### RoHS COMPLIANT

Complies to RoHS Standards

### INSTALLATION

**Pic Die Set**

- Center Contact: M22520 / 5 - 01 Tool, PIC 190318 Hex Crimp Die (.098 hex)
- Crimp Ferrule: M22520 / 5 - 01 Tool, PIC 190318 Hex Crimp Die (.324/.392 hex)

**MIL Spec Die Set**

- Center Contact: M22520 / 5-01 Tool, MIL Spec *M22520 / 5-29 (.100 B hex)
- Crimp Ferrule: M22520 / 5-01 Tool, MIL Spec *M22520 / 5-29 (.324 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
- **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-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.

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