**ARINC 600 Size 1 Socket Contact**

*for S22089 & UH25107*

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### 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)

1.49 ounces (42.24 grams)

### RoHS COMPLIANT

Complies to RoHS Standards

### INSTALLATION (Tooling)

<table>
<thead>
<tr>
<th>Pic Die Set</th>
<th>MIL Spec Die Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Contact</td>
<td>Center Contact</td>
</tr>
<tr>
<td>M22520 / 5 - 01 Tool</td>
<td>M22520 / 5-01 Tool</td>
</tr>
<tr>
<td>PIC 199418 Hex Crimp Die (.132 hex)</td>
<td>MIL Spec *M22520 / 5-04 (.138 A hex)</td>
</tr>
</tbody>
</table>

- **Crimp Ferrule**: M22520 / 5 - 01 Tool, M22520 / 5-01 Tool, MIL Spec *M22520 / 5-27 (.532 A hex)

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### 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
- **Locating Sleeve**: Brass, ASTM-B16, Alloy UNS 36000, H02

### INSTALLATION (Tooling)

- **Body, Ferrule, Sleeve**: 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-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.

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

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**PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.**