ARINC 600 Modified Size 1 Socket Contact

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**PERFORMANCE**

Nominal Impedance: 50 Ohms

Frequency Range: 0 - 5 GHz

Voltage Rating: 1000 V(rms)

Insulation Resistance: 5000 Megohms

D WV: 2500 V(rms)

VSWR (Max): 1.7:1

Insertion Loss (Max): 0.3 dB

**CONNECTOR WEIGHT (Each)**

0.77 ounces (21.83 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION (Tooling)**

**Pic Die Set**

- Center Contact: M22520 / 5 - 01 Tool,
- *PIC 190618 Hex Crimp Die (.098 hex)

**MIL Spec Die Set**

- Center Contact: M22520 / 5-01 Tool,
- MIL Spec *M22520 / 5-57 (.100 B hex)

**Crimp Ferrule**

- M22520 / 5 - 01 Tool,
- *PIC 190618 Hex Crimp Die (.359/.432 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

**Finish:**

Body, Ferrule, 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.

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