Connector Specification

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Approved : JDA

Distribution : **User**

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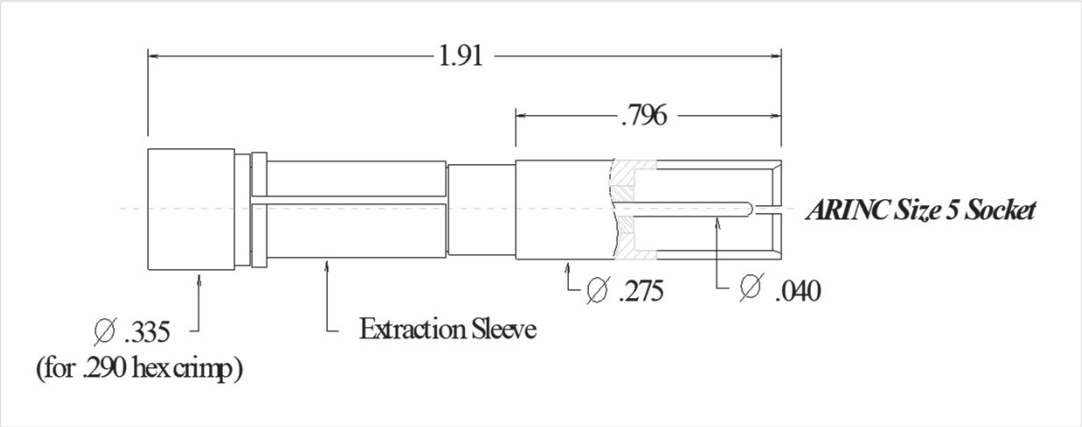
Part Number: 190303

ARINC 404/600 Size 5 Socket Contact

for S33141



PERFORMANCE

Impedance (nom)	50 Ohms
Frequency Range	0 - 5 GHz.
Voltage Rating	325 V(rms)
Insulation Resistance (min)	5000 Megohms
DWV	750 V(rms)
VSWR (max)	1.5:1
Insertion Loss (Max)	0.3 dB

CONNECTOR WEIGHT (Each)

0.38 ounces (10.77 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Crimp Tooling :

Center Contact
M22520 / 1 - 01 Tool @#6,
PIC 110778 (DMC #TH735),

Crimp Ferrule
M22520 / 5 - 01 Tool,
M22520 / 5 - 41 Die Set,
Cavity A (.290 hex)

CONSTRUCTION

Materials:

Body	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Center Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Extraction Sleeve	Nylon, Type 6/6

Finish :

Body, Ferrule	Gold
Center Contact	Gold

Applicable Standards ARINC 404/600

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-190303 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" areas on each end.

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