ARINC Size 5 Socket Contact
for S33141

PERFORMANCE

Impedance (nom) 50 Ohms
Frequency Range 0 - 2 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

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

Finish:
Body, Ferrule Gold
Center Contact Gold

APPLICABLE STANDARDS
ARINC 404/600

INSTALLATION

Crimp Tooling:

Center Contact M22520 / 1 - 01 Tool, Selector Dial @ # 6
Recommended Positioner: PIC 110778 (DMC #TH735), Selector @ Blue

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

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.