

PIC Wire & Cable

A Division of the Angelus Corporation

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Connector Specification

190501A

Approved

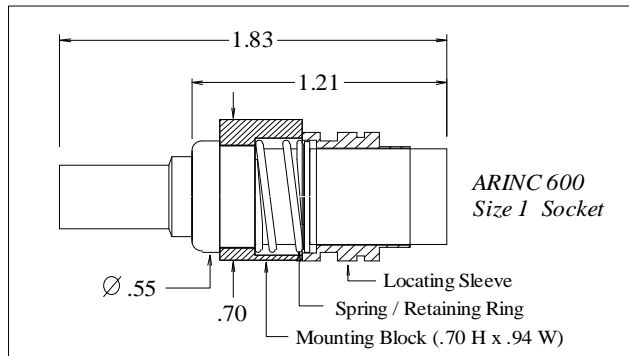
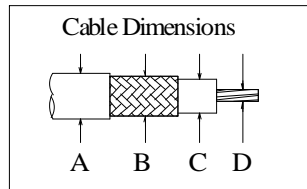
JPG

Date 10/30/03

Rev. 0

Distribution : USER

ARINC 600 Size 1 Socket for S65161



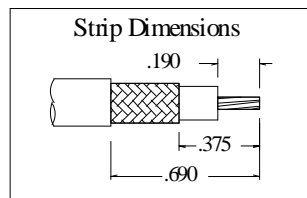
Features Not Shown : Mounting Screws (4 ea), Lockwashers (4 ea)

CABLE DIMENSIONS

| | | |
|---|-----------------------|------|
| A | Jacket (overall) O.D. | .195 |
| B | Over-shields O.D. | .174 |
| C | Dielectric O.D. | .147 |
| D | Center conductor O.D. | .057 |

PERFORMANCE

| | |
|-----------------------|--------------|
| Nominal Impedance | 50 Ohms |
| Frequency Range | 0 - 5 GHz |
| Voltage Rating | 1000 VRMS |
| Insulation Resistance | 5000 Megohms |



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

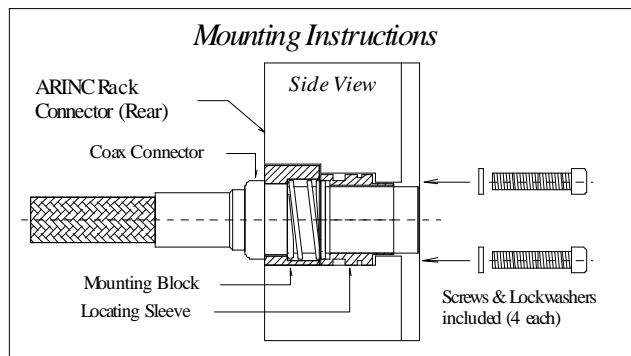
ARINC 600

INSTALLATION

Crimp Tooling:

| | |
|----------------|---|
| Center Contact | M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.095 square) |
| Crimp Ferrule | M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.272/.340 hex) |

Apply the 4:1 Dual Wall Heat Shrink Tubing supplied.



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