

# PIC Wire & Cable

A Division of the Angelus Corporation

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## Connector Specification

**190501**

Approved

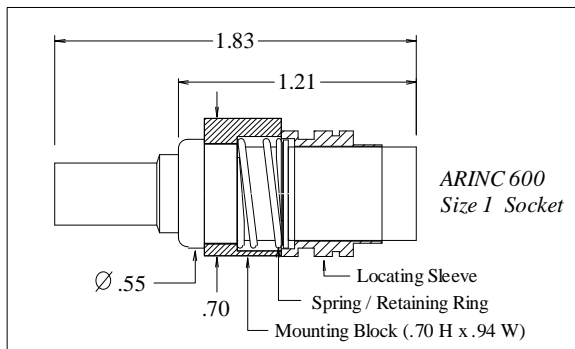
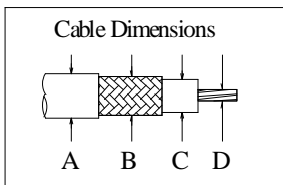


Date 12/21/95

Rev. 2 (05/07/08)

Distribution : USER

### ARINC 600 Size 1 Socket for S67163, S68162



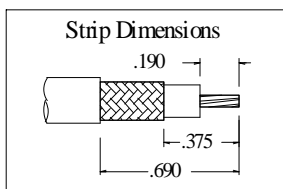
Features Not Shown : Mounting Screws (4 ea), Lockwashers (4 ea)

#### CABLE DIMENSIONS

A	Jacket (overall) O.D.	.225 / .230
B	Over-shields O.D.	.195 / .179
C	Dielectric O.D.	.160 / .149
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

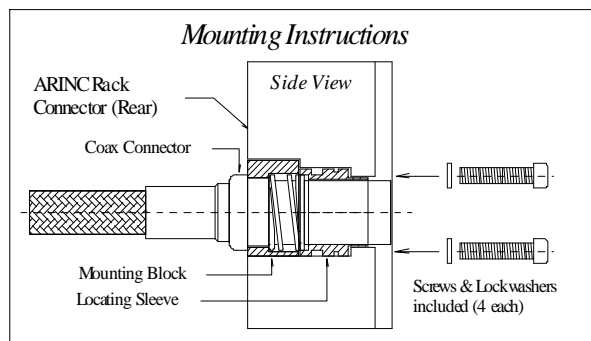
Applicable Standards ARINC 600

#### INSTALLATION

##### Crimp Tooling:

Center Contact	M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.098 hex)
Crimp Ferrule	M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.272/.340 hex)

\* PIC 190518 Crimp Die Set superseded by PIC 190518A; either is acceptable for use with 190501 Connectors.



#### CONNECTOR WEIGHT (Each)

1.39 ounces (39.41 grams)

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