

NSA-ON SERIES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

CONNECTOR MEETS ALL REQUIREMENTS OF MIL-C-55116, LATEST REVISION, EXCEPT
AS SUPERCEDED BY REQUIREMENTS OF APPLICABLE DEPARTMENT OF DEFENSE DRAWING.

MATERIALS

Shell and Panel Nut: Stainless Steel, Class 304, per QQ-S-763.
Adapter Nut and Stud: Aluminum Alloy per QQ-A-225.
Insulator: Diallyl Phthalate per MIL-M-14, Type MDG.

Contacts: Beryllium Copper, HT Temper per ASTM B 196.
Terminals: Copper Alloy per ASTM B 16.
Strain Relief: Stainless Steel per ASTM A 313.

FINISHES/COLORS

Shell and Panel Nut: Passivated, Sand Blasted.
Adapter Nut and Stud: Black Anodizing per MIL-A-8625.
Strain Relief: Black Oxide per MIL-C-13924.
Insulator: Blue.

Contacts: .000100 Gold per MIL-G-45204, Type 1,
Class 2; over Nickel per QQ-N-290.
Terminals: .000030 Gold per MIL-G-45204, Type 1,
Class 0; over Nickel per QQ-N-290.

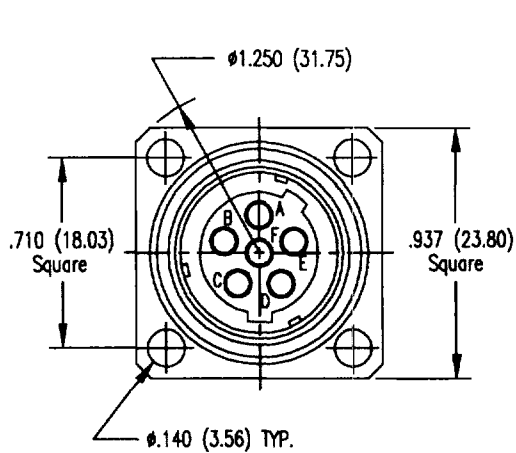
ELECTRICAL

Operating Voltage: 60 Volts Maximum Potential.
Dielectric Withstanding Voltage: 500 V RMS.
Insulation Resistance: 1000 Megohms Minimum.
Current Rating: 0.5 Amp. Maximum.
Contact Resistance: 0.04 Ohm Max. at 1-1500 Matings.
0.100 Ohm Max. at 1500-3000 Matings.
1.000 Ohm Max. after 3001 Matings.

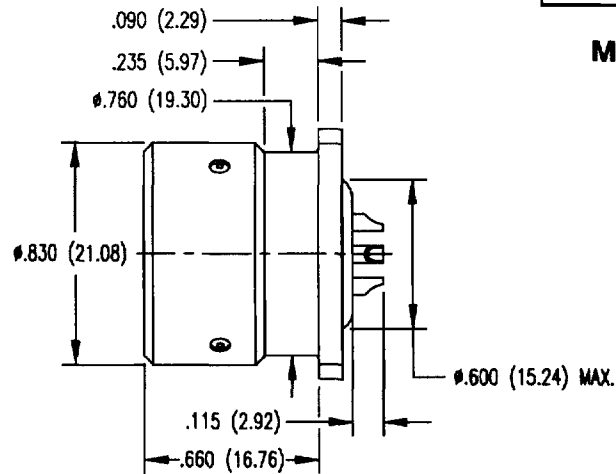
MECHANICAL

Air Pressure: 3.0 P.S.I.
Water Immersion: 48 Hours at 6 Feet.
Durability: 3000 Cycles, Mate and Unmate.
Operating Temperature Range: -67° F to +203° F
(-55° C to +95° C).

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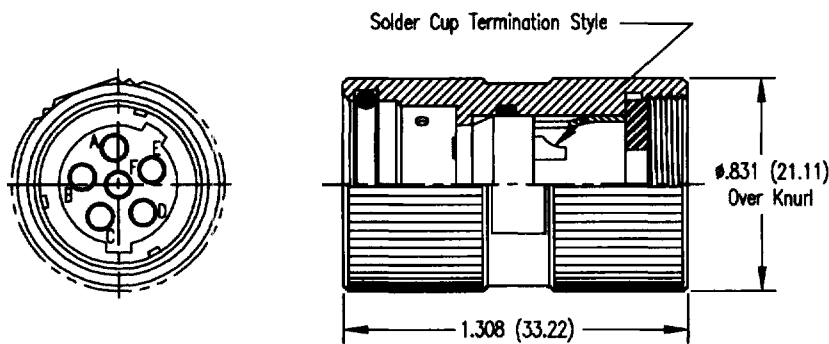


Front View



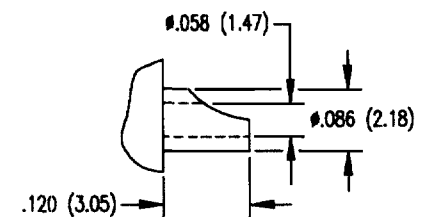
Side View

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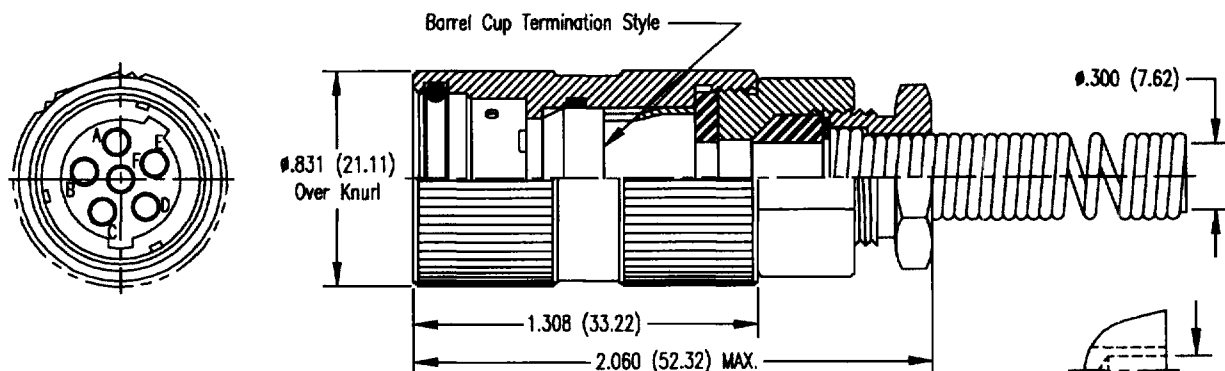
Front View

Side View



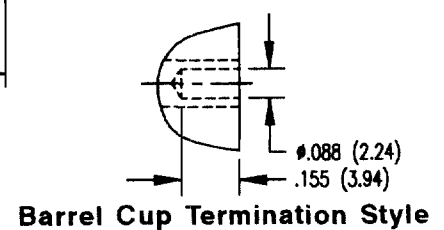
Solder Cup Termination Detail

MC-ON241774-2



Front View

Side View

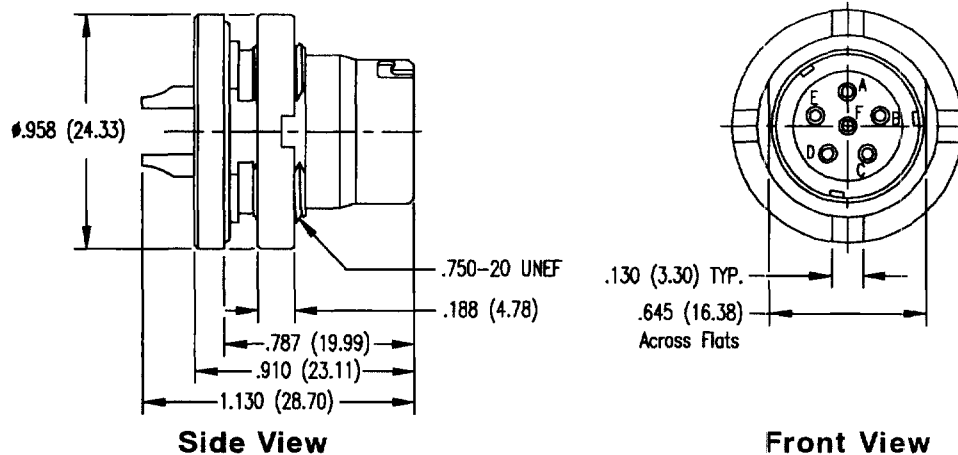


Barrel Cup Termination Style

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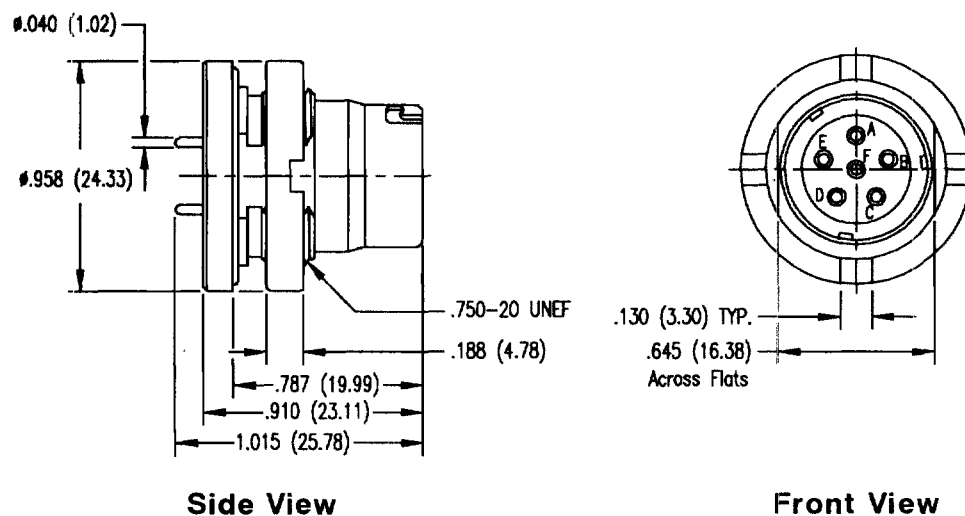
MC-ON241775-1

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