

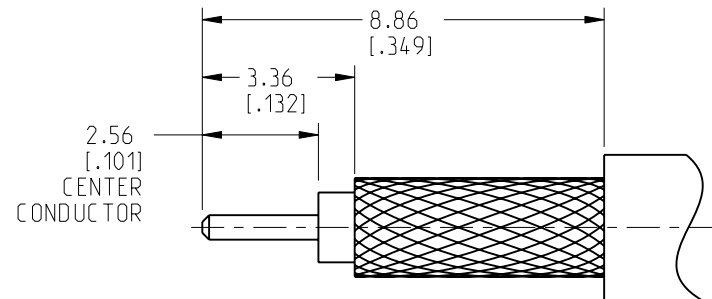
1. MATERIALS AND FINISHES:
BODY, CONTACT, RETAINING RING &
REAR BODY - BeCu, GOLD PLATING
INSULATORS - PTFE, NATURAL
FERRULE - COPPER, WHITE BRONZE PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR (RETURN LOSS): -20 dB MIN. @ DC - 6 GHz
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -65°C TO +165°C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF,SMP-FS-C08-R-NM AND DATE CODE"
C. CONTACT PIN AND FERRULE ARE PACKAGED LOOSE.
5. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE ONTO CABLE
C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
D. INSERT CABLE ENTERING CONNECTOR AND BRAID C
E. CRIMP FERRULE WITH .128" HEX.

13.95 REF.
[.549]

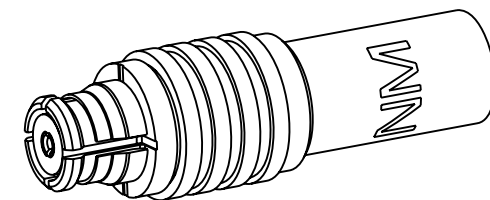
Ø2.3 REF.
[.091]

Ø5 REF.
[.197]
TYP.

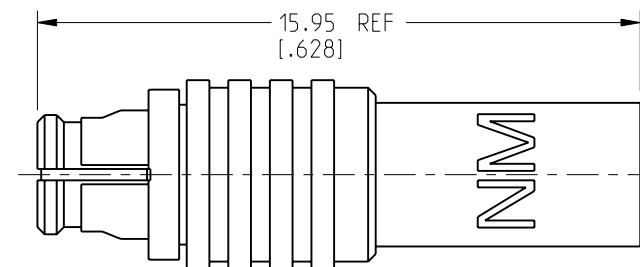
INTERFACE PER
MIL-STD-348
SERIES: SMP JACK
WITH ANTI-LOCK RING



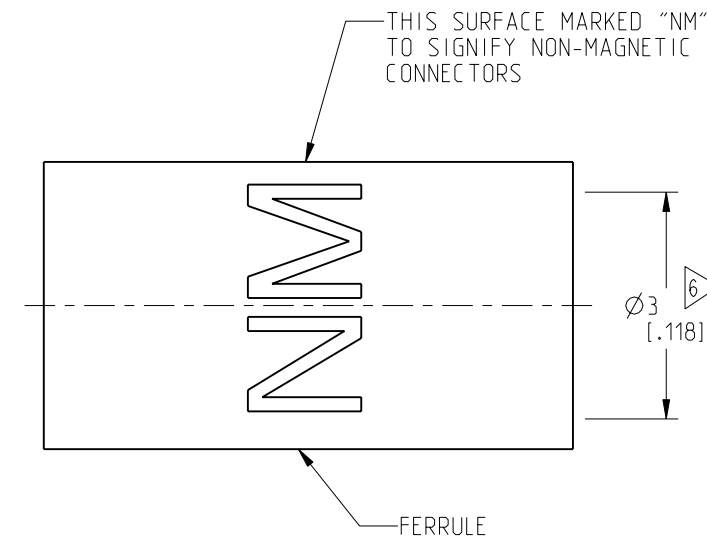
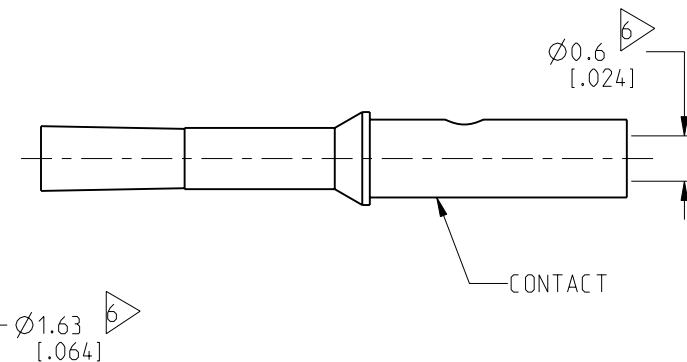
RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 4.000



ASSEMBLED VIEW



ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:

<0.5mm = ± 0.05 mm	[<0.020 = ± 0.002]
0.5 - 6mm = ± 0.1 mm	[0.020 - 0.236 = ± 0.004]
>6.00 - 30mm = ± 0.2 mm	[>0.236 - 1.181 = ± 0.008]
>30.00 - 120mm = ± 0.3 mm	[>1.181 - 4.725 = ± 0.012]

MATERIAL

SEE NOTES

TITLE

SMP STR PLUG WITH FEMALE
CONTACT FOR RG 316 CABLE,
NON-MAGNETIC

SHEET NO. 2 OF 2

SCALE: 10.0:1.0

SIZE B	DRAWING NO.	SMP-FS-C08-R-NM
	ITEM NO.	SMP-FS-C08-R-NM
	PART NO.	SMP-FS-C08-R-NM

REV
A

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