

1. MATERIALS AND FINISHES:
FERRULE - COPPER, GOLD PLATING
RETAINING RING, COVER, HOUSING & BODY - BeCu, GOLD PLATING
CONTACT PIN - BeCu, GOLD PLATING
INSULATOR - PTFE, NATURAL
SPACER - ULTEM, NATURAL

3. ELECTRICAL:
A. IMPEDANCE: 50 OHMS
B. FREQUENCY RANGE: DC - 12 GHz
C. VSWR: -20 dB MIN @ DC - 4 GHz
 -18 dB MIN @ 4 - 12 GHz

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FR-C08-NM AND DATE CODE"
C. CAP, REAR INSULATOR, SPACER AND FERRULE ARE PACKAGED LOOSE

5
[.197] REF

4.39
[.173] REF

SOLDER MUST NOT PROTRUDE ABOVE CONTACT END SURFACE (SEE NOTE 2D)

0.89
[.035] REF

1.91
[.075] REF

— INTERFACE PER
MIL-STD-348
SERIES: SMP JACK

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THIRD ANGLE PROJ.		REFERENCE SMP-FR-C08-2	EAR# 8889
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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

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

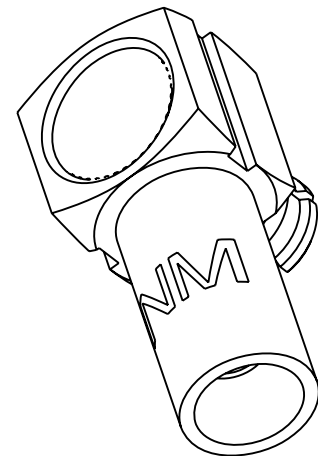
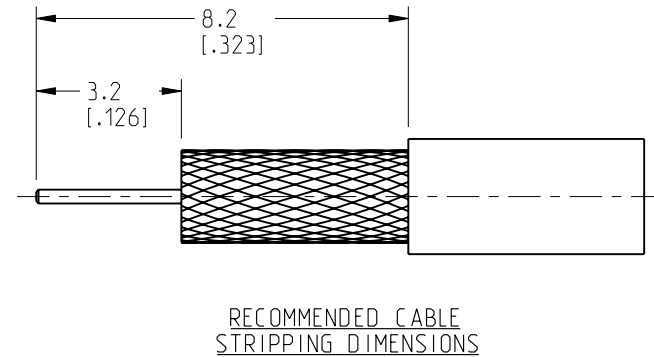
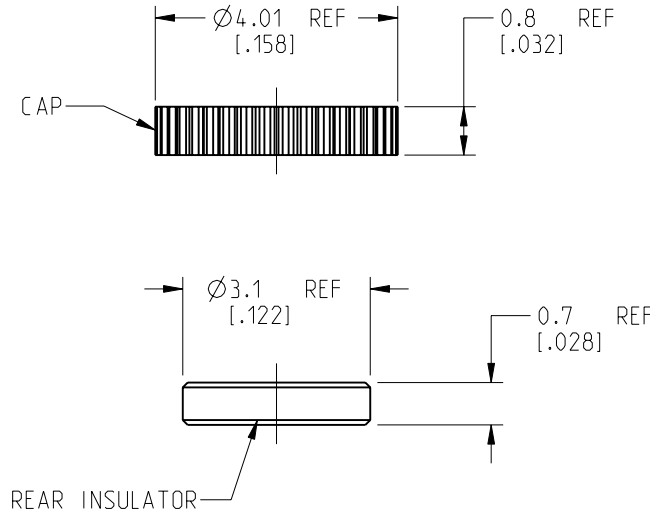
ANGLES = $\pm 1^\circ$

MATERIAL		
ENGR.1 S.VO	ENGR.2 JACK LIANG	DATE 01-OCT-20

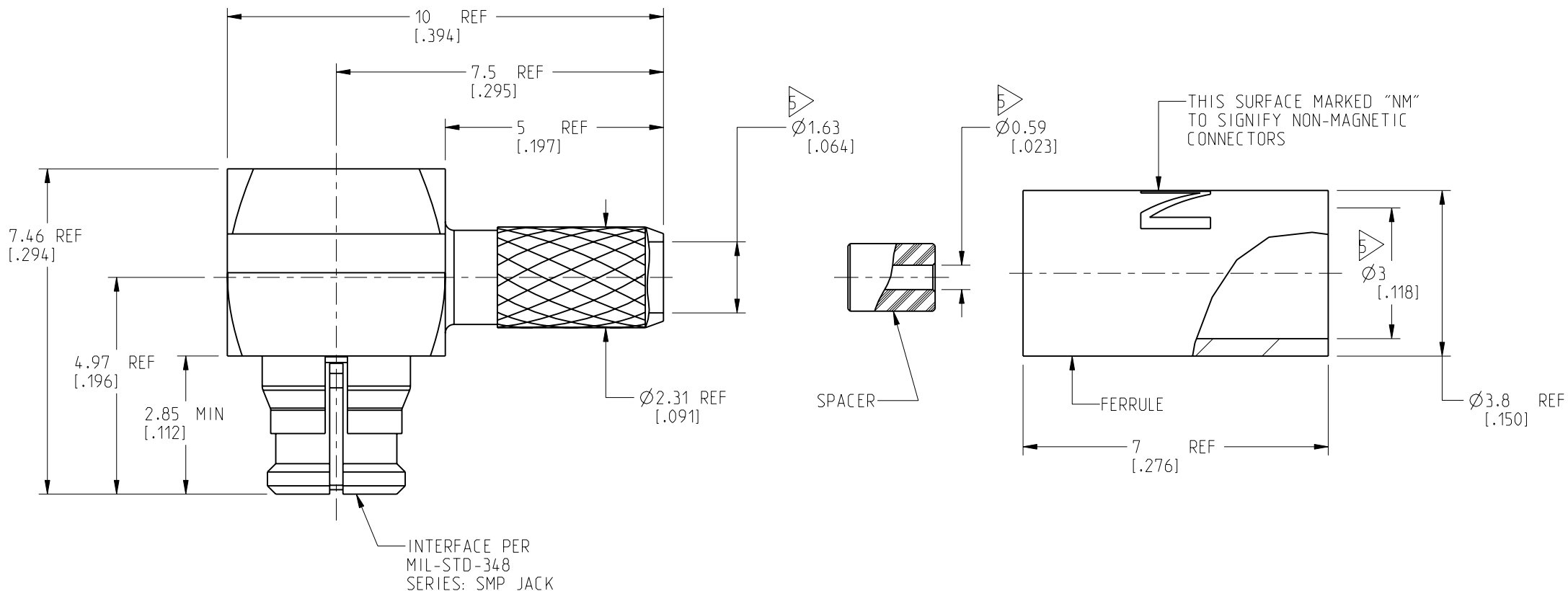
TITLE	
SMP R/A JACK FOR RG-316 CABLE, NON-MAGNETIC	
SHEET NO. 2 OF 2	SCALE: 8.0:1.0

Amphenol RF		
SIZE B	DRAWING NO.	SMP-FR-C08-NM
	ITEM NO.	SMP-FR-C08-NM
	PART NO.	SMP-FR-C08-NM
		REV A

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	12-AUG-22	16294	SH



SCALE 5.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Mouser Electronics

Authorized Distributor

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[SMP-FR-C08-NM](#)