NOTES:

1. MATERIALS AND FINISHES:
   OUTER CONTACT, REAR BODY, SLEEVE AND CAP - BRASS, NICKEL PLATING
   RETAINING RING - BeCu, NICKEL PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE, NATURAL
   FERRULE - COPPER ALLOY, NICKEL PLATING

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

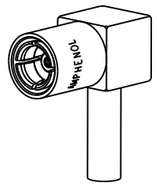
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 903-368P-51A AND DATE CODE"

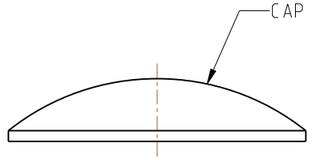
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE ONTO CABLE.
   C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   E. CRIMP FERRULE OVER BRAID WITH 0.105" HEX.
   F. PRESS FIT CAP.

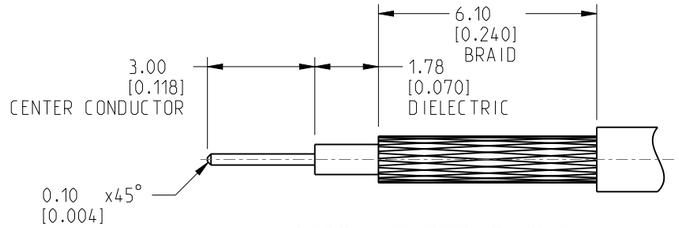
6 SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
--	RELEASE TO MFG.	--	--	--
F	COD SHEET ADDED	08-MAY-23	16656	TR

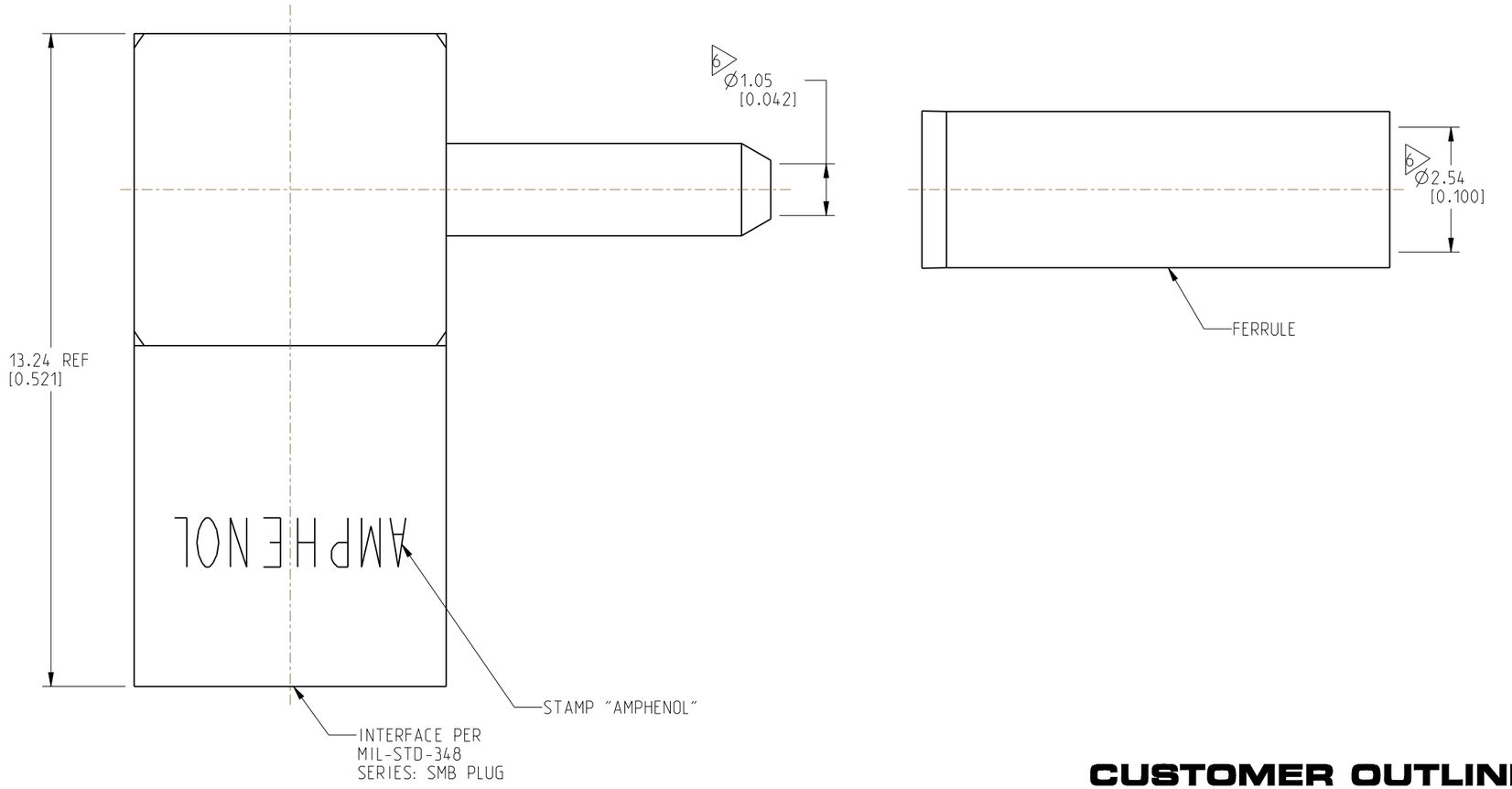


SCALE 1.750





RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
MOTOROLA 28C84522R03 D	111-961090

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 = ±1°

MATERIAL: SEE NOTES

ENGR.1	ENGR.2	DATE
P.BRENZEL		31-MAR-23

TITLE: 50 OHM SMB RA PLUG FOR RG 196/U CABLE

SHEET NO. 2 OF 2 | SCALE: 9.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	903-368P-51A	F
	ITEM NO. 903-368P-51A	
	PART NO. 903-368P-51A	