NOTES:

1. MATERIALS AND FINISHES:
   BODIES & SLEEVE - BRASS, NICKEL PLATING
   CONTACT - BeCu, GOLD PLATING
   RETAINING RING - BeCu, NICKEL PLATING
   INSULATORS - PTFE, NATURAL
   FERRULE - COPPER TUBING, NICKEL PLATING

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

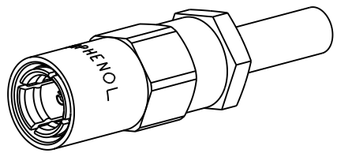
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
   "AMPHENOL RF, 903-371P-51S AND DATE CODE"

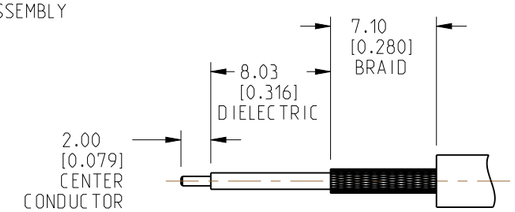
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE ONTO THE CABLE AND LEAD CABLE THROUGH BODY-ASSEMBLY
   C. SOLDER THE CONTACT TO THE CABLE
   D. ASSEMBLE THE INSULATOR TO THE SUB-ASSEMBLY.
   E. FIT THE BODY-ASSEMBLY TO THE SUB-ASSEMBLY.
   F. CRIMP FERRULE WITH 0.128" HEX.

6 SHOWS CABLE ENTRY DIMENSIONS.

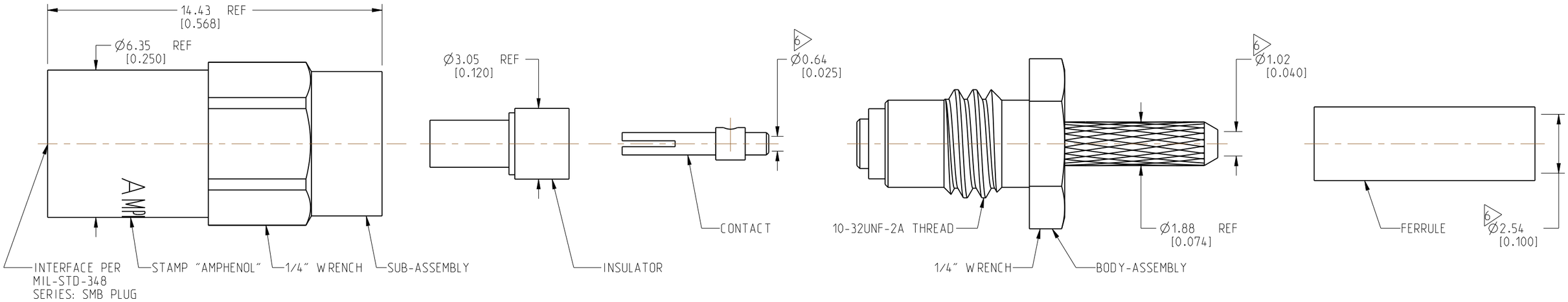
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
--	RELEASE TO MFG.	--	--	--
D	COD SHEET ADDED	--	--	AAP



SCALE 2.500



RECOMMENDED CABLE STRIPPING DIMENSIONS



PRELIMINARY ISSUE

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
615X-983-200	961045 & 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	A ARUN PRABU	07-AUG-89

TITLE: SMB STR PLUG FOR RG 178 & 196/U CABLE

SHEET NO. 2 OF 2 | SCALE: 6.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	903-371P-51S	D
	ITEM NO. 903-371P-51S	
	PART NO. 903-371P-51S	