

NOTES:

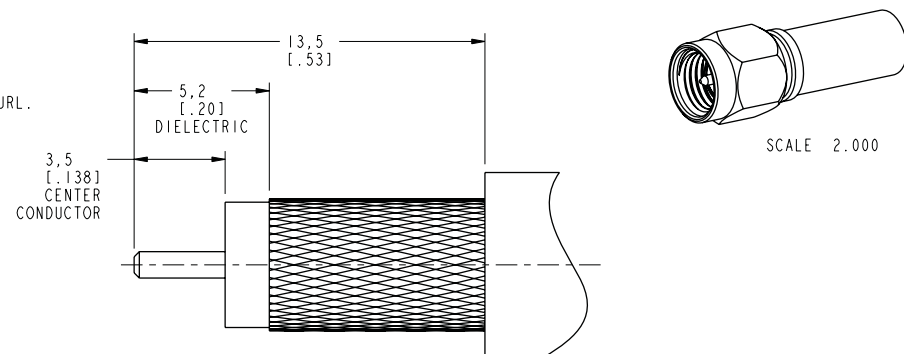
- MATERIALS AND FINISHES:
BODY, SHELL, FERRULE &
CONTACT PIN - BRASS, GOLD PLATING
INSULATOR - PTFE, NATURAL
GASKET - SILICONE RUBBER, RED
RETAINING RING - STAINLESS STEEL, NATURAL
- ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 12.4 GHz
C. VSWR : 1.15 + (0.01 X F IN GHz) MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO +165° C
C. CENTER CONTACT RETENTION - 4 LBS MIN. (AFTER ASSEMBLY)

- PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 901-9871, AND DATE CODE"
- 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 OVER KNURL.
E. CRIMP FERRULE OVER BRAID WITH .213" HEX DIE.
SHOWS CABLE ENTRY DIMENSIONS.

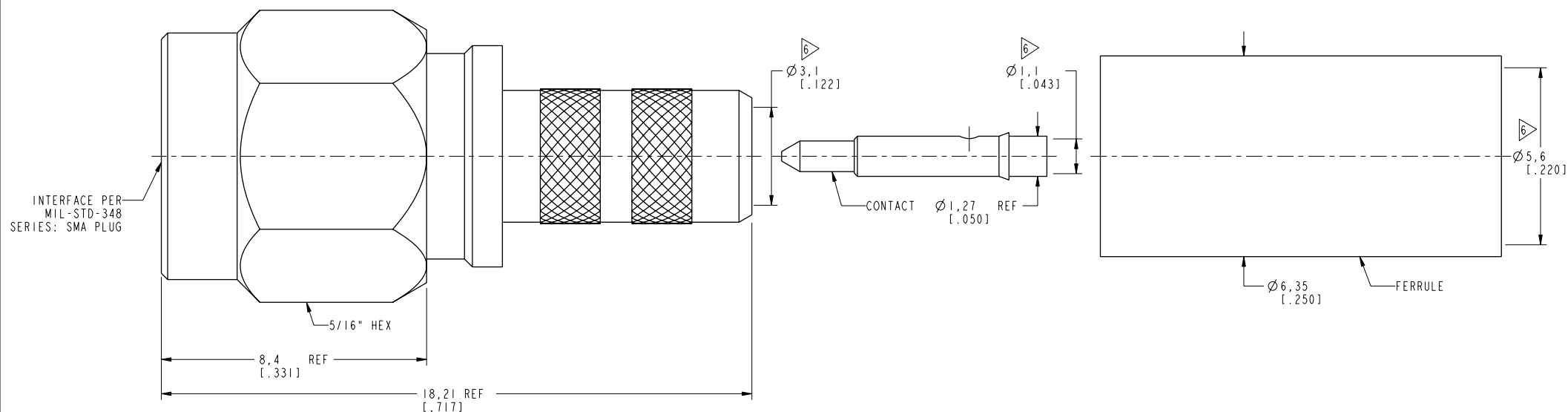
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	04-Apr-95	40348	PB/RAV
D	REDRAWN IN PRO-E	19-May-15	50409	MD



RECOMMENDED CABLE
STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°	MATERIAL SEE NOTES	DRAWN M.DONG	DATE 18-Apr-15	TITLE SMA STR PLUG FOR RG-223/U CABLE	Amphenol RF www.amphenolrf.com
		ENGINEER RAV	DATE 31-Mar-95		
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	CONFIGURATION LEVEL: In Work	CAD FILE		SHEET 2 OF 2	ITEM NO. 1111111AAA26GK5F
	FINISH			DWG SIZE B	REV D
					PART NO. 901-9871