

NOTES:

1. MATERIAL AND FINISHES:
 FERRULE - COPPER, GOLD PLATING (.000003" MIN. THICK OVER NICKEL PLATING .000100" MIN. THICK OVER COPPER STRIKE)
 RETAINER RING - SUS 304, NATURAL
 GASKET - SILICONE RUBBER, RED
 BODY - BRASS, GOLD PLATING (.000003" MIN. THICK OVER NICKEL PLATING .000100" MIN. THICK OVER COPPER STRIKE)
 CONTACT - BRASS, GOLD PLATING (.000050" MIN. THICK OVER NICKEL PLATING .000100" MIN. THICK OVER COPPER STRIKE)
 INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: 0-12.4 GHz
 C. VSWR (RETURN LOSS): 1.150+0.01f (GHz) MAX.
 D. D.W.V: 1000 VRMS. MIN.

3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. CENTER CONTACT RETENTION: 4 LBS MIN. (AFTER ASSEMBLY)

4. CRIMPED FERRULE HEX CRIMP SIZE .213"

5. CONTACT PIN TO SOLDER

6 SHOWS CABLE ENTRY DIMENSIONS

7. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. BAG TO BE MARKED: AMPHENOL RF
 901-9870
 SMA11111A1-3GT50G-58U-50
 DATE CODE

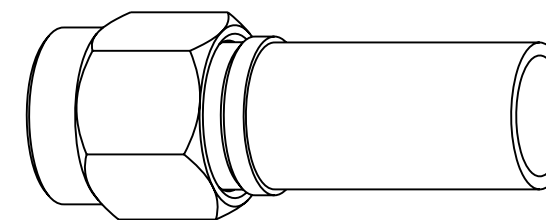
THIRD ANGLE PROJ.

REVISIONS

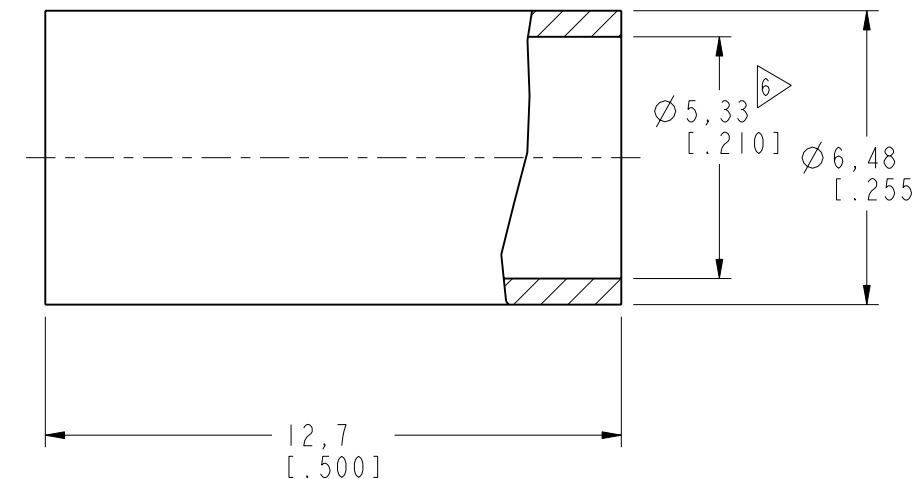
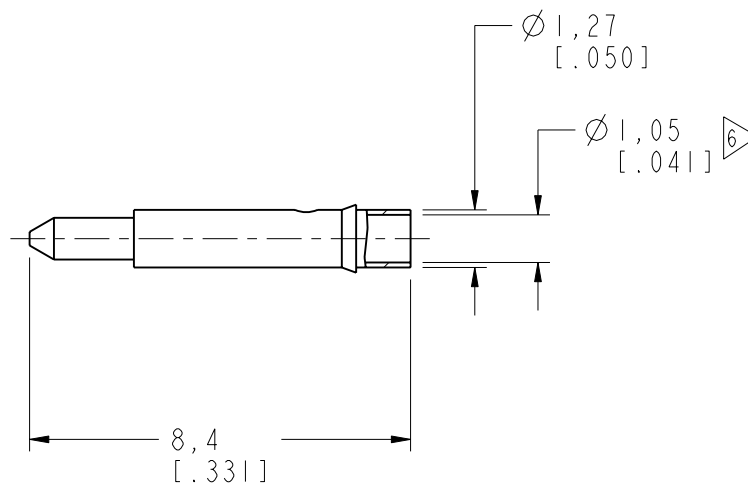
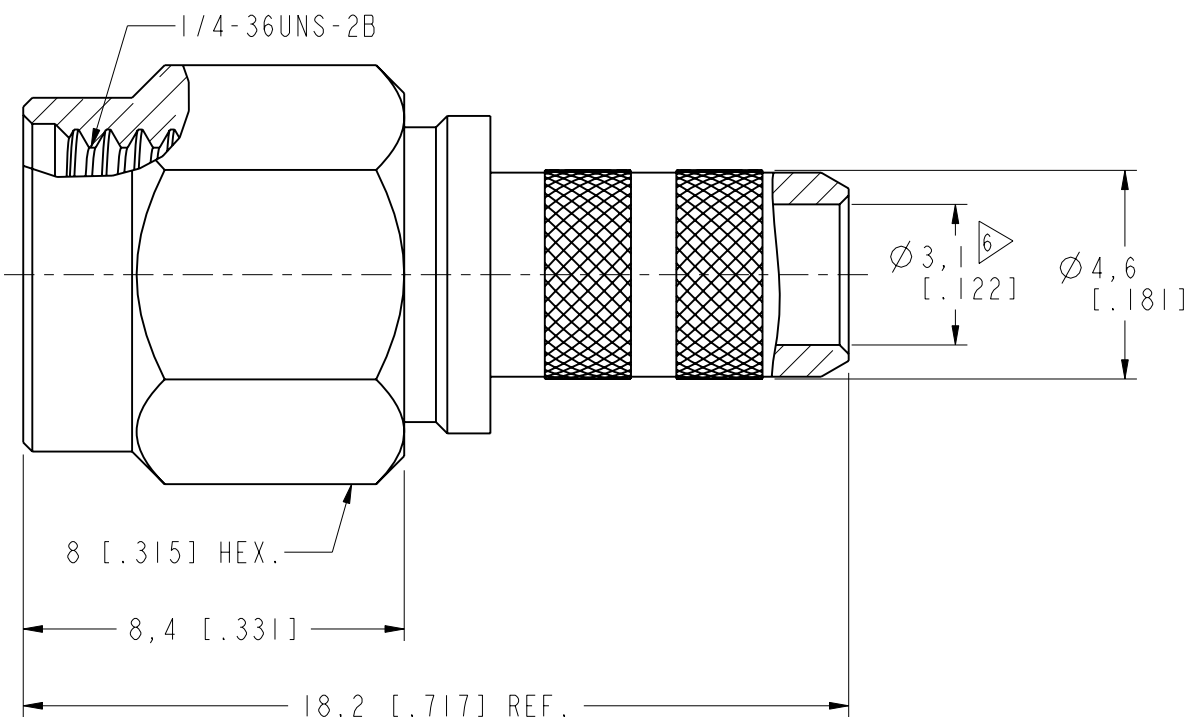
REV	DESCRIPTION	DATE	ECO	APPR
A	OFFICIAL ENG. RELEASE TO MFG.	04-Apr-95	40347	PB/RAV
B	REDRAWN ON AUTO-CAD, ALL NOTES REWRITTEN & UPDATED	28-Aug-96	41528	CPM/
C	UPDATED MATERIALS NOTE & KJ#	21-Aug-02	44182	CPM/
D	SYNC, UPDATE DRAWING FORMAT\N/A	08-Oct-15	50751	SH



RECOMMENDED
CABLE STRIPPING DIM'S



SCALE 3.000



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
 <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°

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MATERIAL	DRAWN M. ZHANG	DATE 06-Oct-15	TITLE SMA CRIMP PLUG (FOR RG-58C/U, 58/U)	Amphenol RF www.amphenolrf.com
REFERENCE EAR 111-964413 EAR 966275-0	ENGINEER RAV	DATE 31-Mar-95		
FINISH	APPROVED S. HSIEH	DATE 06-Oct-15	SCALE: 6.0:1.0	DRAWING NO. SMA11111A1-3GT50G-58U-50
	CAD FILE		SHEET 2 OF 3	ITEM NO. 111111AAA58GA5F
			DWG SIZE B	PART NO. 901-9870
			REV D	