NOTES:

THIRD ANGLE PROJ.

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)

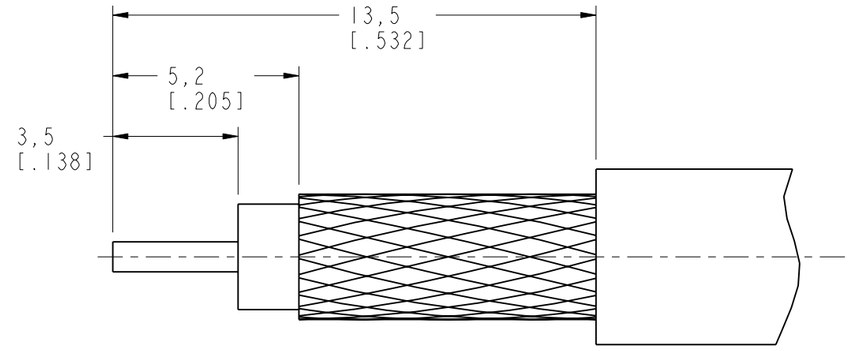
4. CRIMPED FERRULE HEX CRIMP SIZE .213"

5. CONTACT PIN TO SOLDER

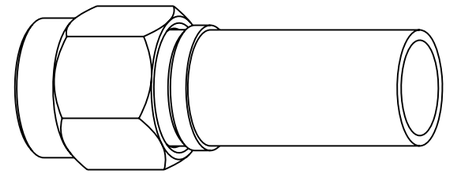
6. SHOWS CABLE ENTRY DIMENSIONS

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

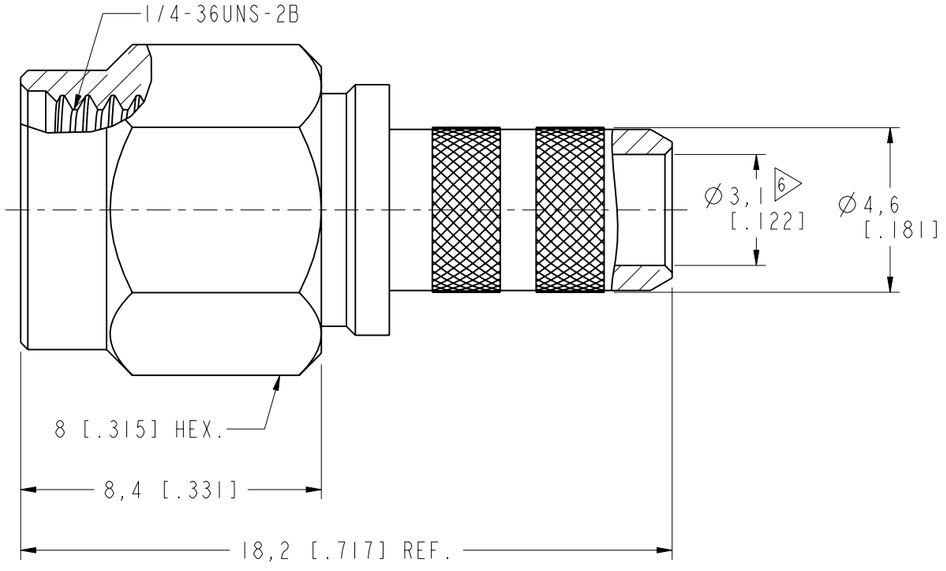
REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	OFFICIAL ENG. RELEASE TO MFG.	04-Apr-95	40347	PB/RAV
B	REDRAWN ON AUTO-CAD, ALL NOTES REWRITTEN & UPDATED	28-Aug-96	41528	CPM/
C	UPDATED MATERIALS NOTE & KJ#	21-Aug-02	44182	CPM/
D	SYNC, UPDATE DRAWING FORMAT\N/A	08-Oct-15	50751	SH

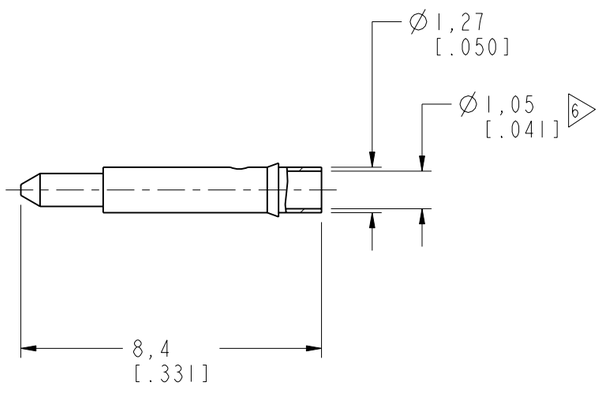


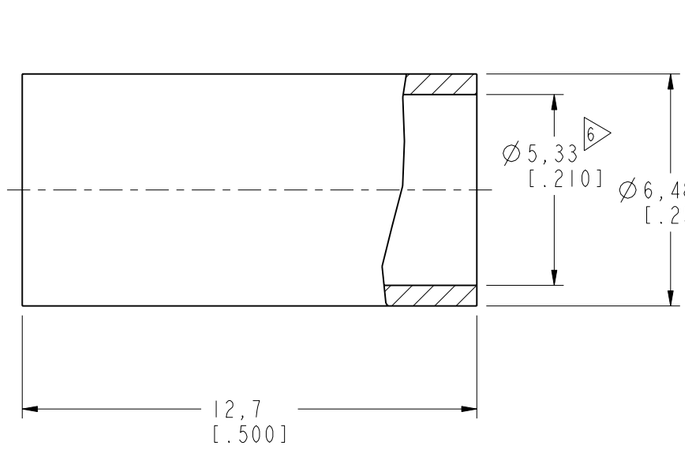
RECOMMENDED
CABLE STRIPPING DIM'S



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	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL
-

REFERENCE
EAR 111-964413
EAR 966275-0

FINISH

DRAWN M.ZHANG	DATE 06-Oct-15	
ENGINEER RAV	DATE 31-Mar-95	
APPROVED S.HSIEH	DATE 06-Oct-15	
CAD FILE		

TITLE
SMA CRIMP PLUG
(FOR RG-58C/U, 58/U)

SCALE: 6.0:1.0 | SHEET 2 OF 3

DWG SIZE B | REV D

Amphenol RF
www.amphenolrf.com

DRAWING NO. SMAIIIIAI-3GT50G-58U-50
ITEM NO. IIIIIIAAA58GA5F
PART NO. 901-9870

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