

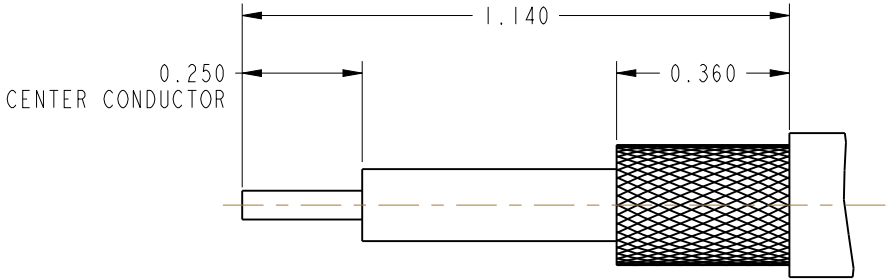
NOTES:

1. MATERIALS AND FINISHES:  
BODY & COUPLIG NUT - BRASS, NICKEL PLATING  
CONTACT - BRASS, NICKEL PLATING  
INSERT - LCP  
FERRULE - COPPER, SILVER PLATING
2. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 83-58SP, AND DATE CODE"
4. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
B. SLIDE FERRULE ONTO THE CABLE.  
C. INSERT CABLE INTO CONNECTOR.  
D. SOLDER CONTACT TO CABLE.  
E. CRIMP FERRULE WITH AMPHENOL TOOL 227-944 AND DIE SET 227-1221-11, CAVITY 'A' (0.213" HEX).
5. \* SHOWS CABLE ENTRY DIMENSIONS.

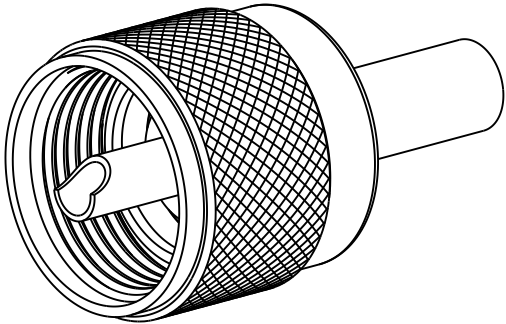
THIRD ANGLE PROJ.

REVISIONS

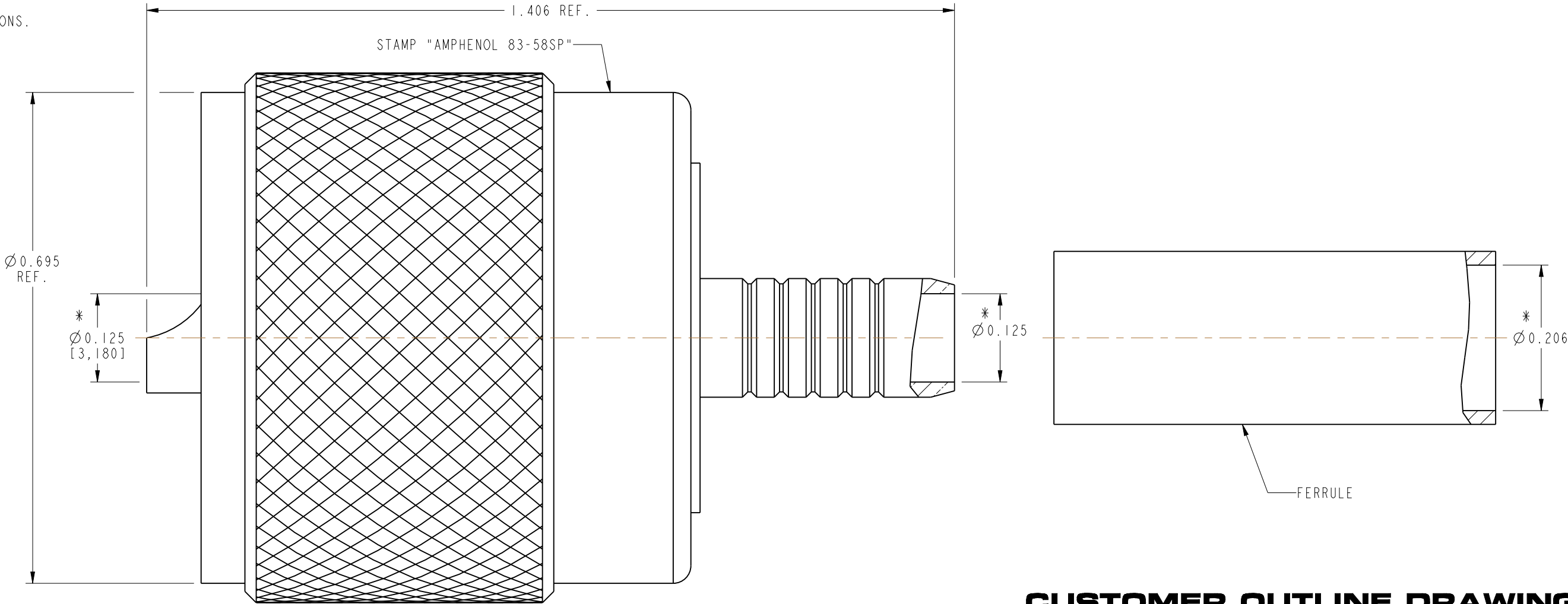
| REV | DESCRIPTION                  | DATE    | ECO   | APPR |
|-----|------------------------------|---------|-------|------|
| --  | RELEASE TO MFG.              | --      | --    | --   |
| F   | REDRAWN IN PRO-E & COD ADDED | 1/21/14 | 49831 | KR   |
| G   | SHEET 1 BOM REVISION         | 3/20/15 | 50386 | JN   |



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 2.000



CUSTOMER OUTLINE DRAWING  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |                        |                   |                                     |              |                    |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------|-------------------|-------------------------------------|--------------|--------------------|-----------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES<br>±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°<br><br>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                                       | DRAWN<br>KARTHIK R     | DATE<br>10-Dec-13 | TITLE<br>"UHF" PLUG<br>FOR RG 58C/U |              | Amphenol RF        |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SEE NOTES                                      | ENGINEER<br>K. CAPOZZI | DATE<br>12/10/13  |                                     |              | www.amphenolrf.com |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | REFERENCE<br>EAR # DOR 312642<br>EIR 312249-51 | APPROVED<br>K. CAPOZZI | DATE<br>1/21/14   | SCALE: 6.2:1.0                      | SHEET 2 OF 2 | DRAWING NO.83-58SP |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CONFIGURATION LEVEL: In Work                   | CAD FILE               |                   | DWG SIZE<br>B                       |              | REV<br>G           | ITEM NO.83-58SP |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FINISH                                         |                        |                   |                                     |              |                    | PART NO.83-58SP |