

NOTES:

1. MATERIALS AND FINISHES:  
 BODY, HEX NUT, LOCK WASHER,  
 SPACER & RETAINING RING - BRASS, NICKEL PLATING  
 CONTACT - PHOSPHOR BRONZE, GOLD PLATING  
 INSULATORS - PTFE, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC -4 GHz  
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

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, 31-318, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE OVER CABLE JACKET.  
 C. COMB OUT THE BRAID & SLIDE SPACER AND INSULATOR OVER CABLE DIELECTRIC.  
 D. CRIMP CONTACT PIN TO CABLE WITH AMPHENOL TOOL  
 227-944 (M22520/5-01) AND DIE SET 227-1221-09,  
 CAVITY 'B' (M22520/5-09, CLOSURE 'B').  
 E. INSTALL CABLE ASSEMBLY INTO BODY ASSEMBLY. BRAID OVER CONNECTOR BODY.  
 F. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY.  
 G. CRIMP FERRULE TO CABLE WITH AMPHENOL TOOL  
 227-944 (M22520/5-01) AND DIE SET 227-1221-09  
 CAVITY 'A' (M22520/5-09, CLOSURE 'A'), 0.178" HEX.

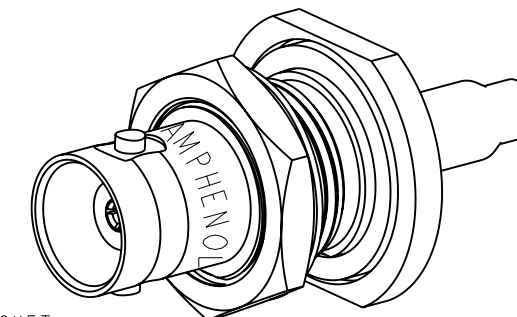
6 SHOWS CABLE ENTRY DIMENSIONS.

7. MAX. PANEL THICKNESS=6.35mm

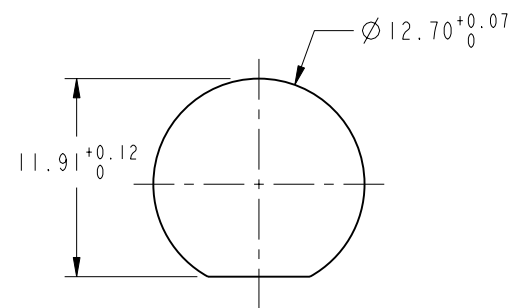
THIRD ANGLE PROJ.

REVISIONS

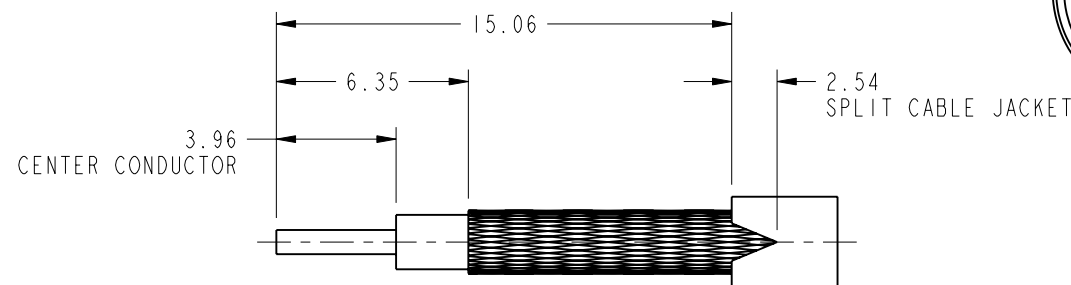
| REV | DESCRIPTION              | DATE      | ECO   | APPR |
|-----|--------------------------|-----------|-------|------|
| A2  | SEE SHEET 1              | 25-Feb-03 | --    | TONY |
| Y   | REDRAWN TO UPDATE FORMAT | 11-Dec-08 | 47247 |      |
| AA  | REDRAWN IN PROE          | 28-May-15 | 49786 | AAP  |



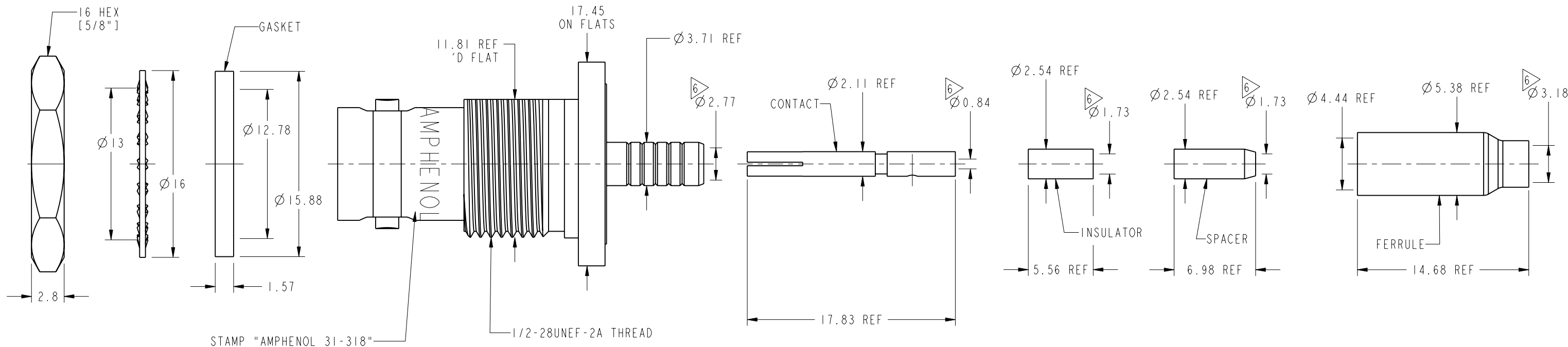
SCALE 2.000



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|   |                              |              |           |  |                                   |
|---|------------------------------|--------------|-----------|--|-----------------------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°  | MATERIAL                     | DRAWN        | DATE      | TITLE<br>QUICK CRIMP BNC BULKHEAD<br>JACK USE WITH RG-174/U &<br>RG-188/U CABLES | Amphenol RF<br>www.amphenolrf.com |
|   | SEE NOTES                    | A ARUN PRABU | 08-Nov-13 |  |                                   |
| 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. | REFERENCE EAR #              | ENGINEER     | DATE      | SCALE: 3.0:1.0   SHEET 2 OF 2  | DRAWING NO. 31-318                |
|   | CONFIGURATION LEVEL: In Work | S,HSIEH      | 28-Feb-03 |  |                                   |
|   | FINISH                       | APPROVED     | DATE      |  | DWG SIZE                          |
|   |                              | 28-May-15    |           | B  |                                   |
|   |                              |              |           | REV  |                                   |
|   |                              |              |           | AA   |                                   |