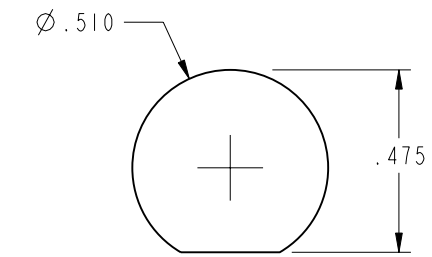


NOTES:

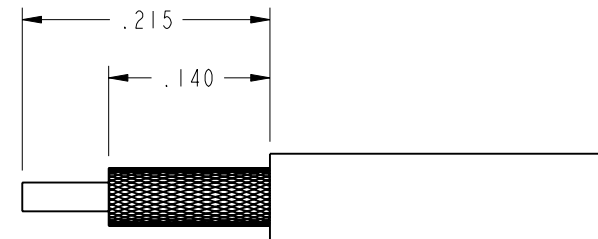
1. MATERIALS AND FINISHES:
 - BODIES, SLEEVE, FERRULE - BRASS, NICKEL PLATED
 - CONTACT - PHOSPHOR BRONZE, GOLD PLATED (.000030" THICK MIN)
 - BULLET CONTACT - BRASS, GOLD PLATED
 - INSULATORS - PTFE
 - O-RING & GASKET - SILICONE
2. ELECTRICAL:
 - A. FREQUENCY RANGE = DC TO 3.0 GHz
 - B. V.S.W.R. (RETURN LOSS) = 1.250 MAX. (-19.1 dB)
3. MECHANICAL:
 - A. WATER PROTECTION IN UNMATED CONDITION PER IEC 529, IP67
 - B. CONTINUOUS OPERATING TEMPERATURE: -40°C TO +85°C
 - C. INTERFACE MEETS THE REQUIREMENTS OF AMPHENOL RF RP-TNC SERIES
4. CABLE ASSEMBLY INSTRUCTIONS:
 - A. STRIP CABLE TO DIMENSIONS SHOWN
 - B. INSERT THROUGH INNER FERRULE, AND PEEL BRAID BACK, OVER INNER FERRULE
 - C. INSTALL BRASS SLEEVE, THEN INSULATOR BUSHING OVER CABLE DIELECTRIC, BOTTOMING ON INNER FERRULE
 - D. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR
 - E. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS
 - F. CRIMP BODY OVER INNER FERRULE USING .105 HEX

5. SHOWS CABLE ENTRY DIMENSIONS

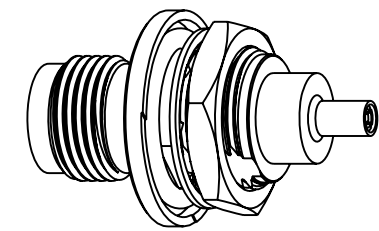
| 31-6219 | | REVISIONS | | | |
|-------------------|-----|-----------------|---------|-------|------|
| DRAWING NO. | REV | DESCRIPTION | DATE | ECO | APPR |
| THIRD ANGLE PROJ. | A | RELEASE TO MFG. | 6/17/04 | 45018 | HP |
| | B | SEE SHEET 1 | 8/23/04 | 45117 | CPM |
| | C | SEE SHEET 1 | 6/15/06 | 46132 | CPM |



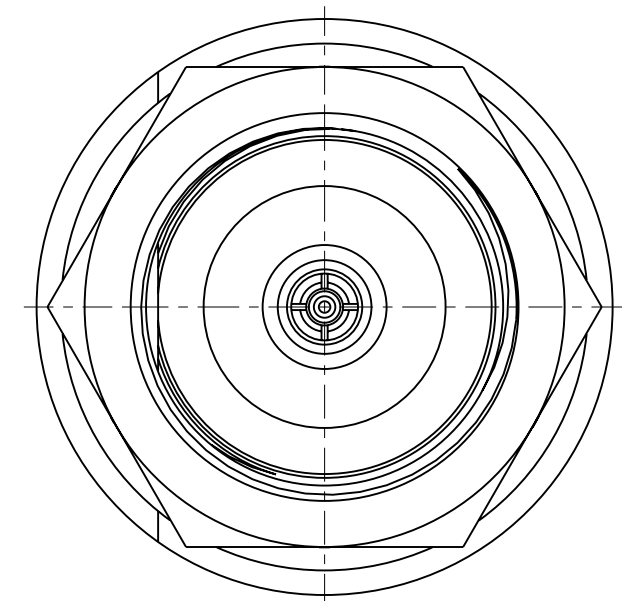
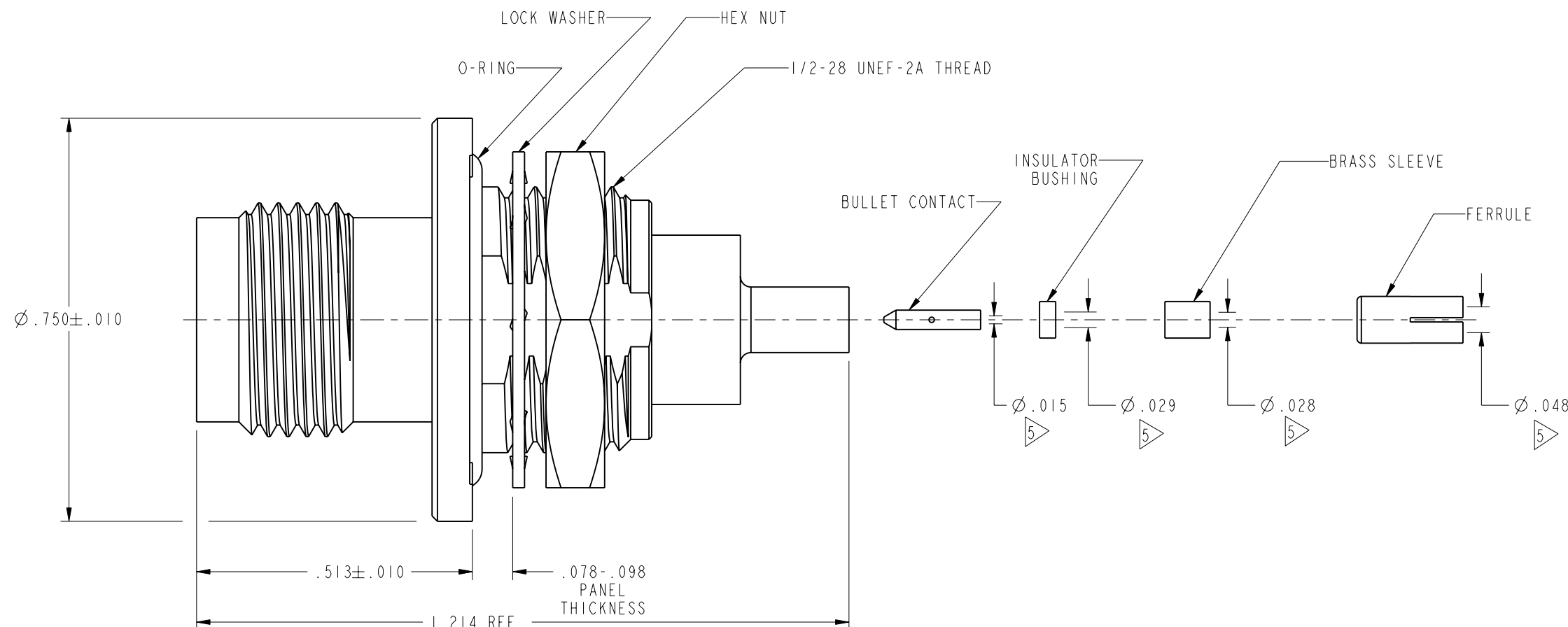
SUGGESTED MOUNTING HOLE
SCALE 2.000



RECOMMENDED
CABLE STRIPPING DIMENSIONS



SCALE 1.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | | | | |
|---|---|-----------------------|------------------|--|------------------------|---|--------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1° | MATERIAL | DRAWN H. PARIKH | DATE 6/14/04 | TITLE RP-TNC JACK, BULKHEAD FRONT MOUNT, SEALED FOR AMC CABLE | | Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com | |
| | REFERENCE 611X-4174-100 EAR# 1403 GEN# 611X-4158-X00 | ENGINEER H. PARIKH | DATE 6/14/04 | | | | |
| 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 or 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. | CAD FILE I:\TNC\31-6219 | | CODE ID 74868 | DWG SIZE B | DRAWING NO. 31-6219 | SCALE: 4.0:1 | SHEET 2 OF 2 |
| | | | | | | | |