

NOTES:

1. MATERIALS OF CONSTRUCTION:  
CAP - BRASS, GOLD PLATED OVER NICKEL  
BODY & HEX HUT - BRASS, GOLD PLATED OVER PHOSPHORUS CONTENT ELECTROLESS NICKEL  
CONTACT - BeCu, GOLD PLATED OVER PHOSPHORUS CONTENT ELECTROLESS NICKEL  
RETAINING RING & LOCKWASHER - BRASS, NICKEL PLATED  
INSULATORS - PTFE  
GASKET - SILICONE RUBBER

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC TO 3GHz  
C. VSWR: 1.20 MAX TO 3.0 GHz

3. MECHANICAL:

- A. TEMPERATURE RANGE:  $-65^{\circ}\text{C}$  TO  $+165^{\circ}\text{C}$
- B. SEALING REQUIREMENTS: DESIGN WHEN MOUNTED ON PANEL MUST WITHSTAND WATER PRESSURE AT DEPTH OF 1 METER FOR 30 MIN. WITHOUT ANY SIGN OF LEAKAGE

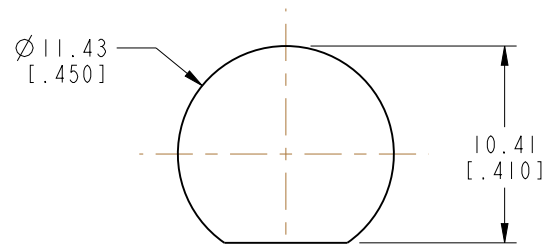
4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOLRF, 31-6527, AND DATE CODE"

5. FLANGE WILL NOT BOTTOM ON PANNEL IN ALL CONDITIONS

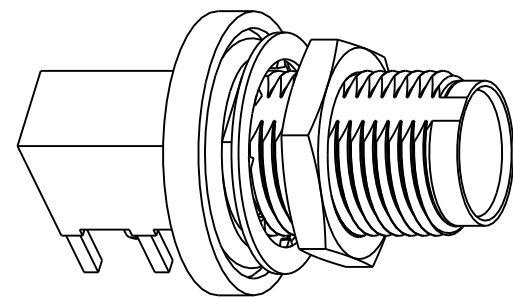
THIRD ANGLE PROJ. 

REVISIONS

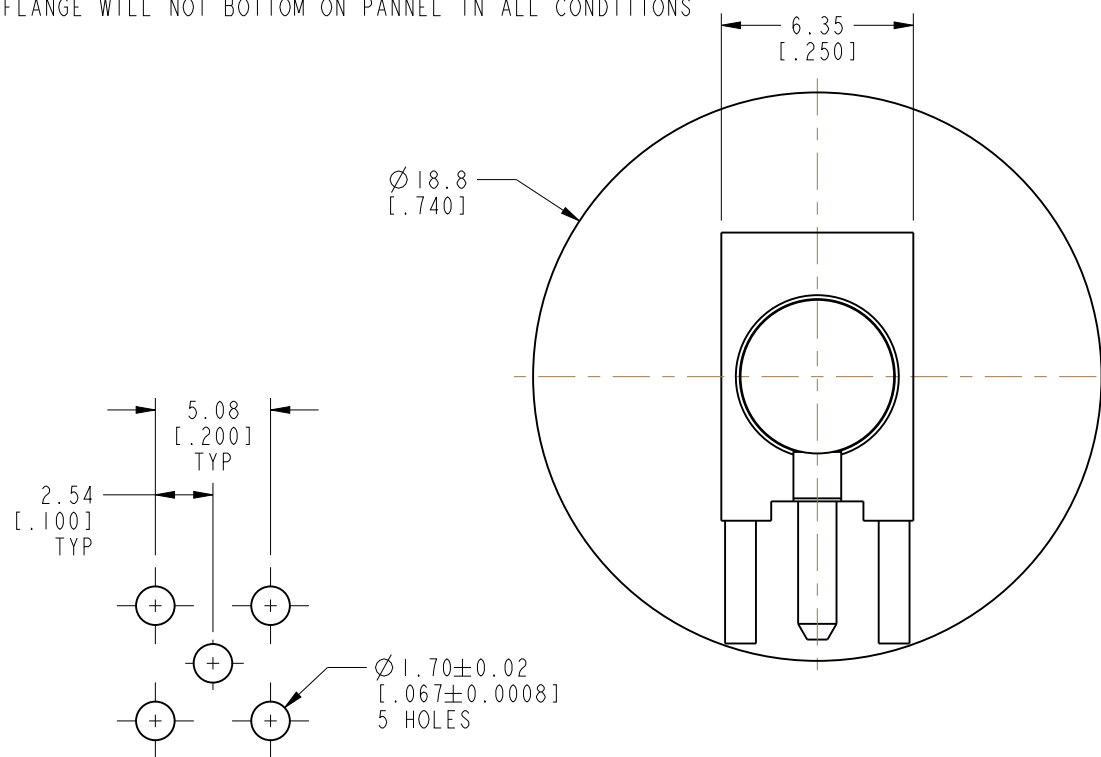
| REV | DESCRIPTION     | DATE      | ECO   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 29-Mar-12 | 48962 | DD   |



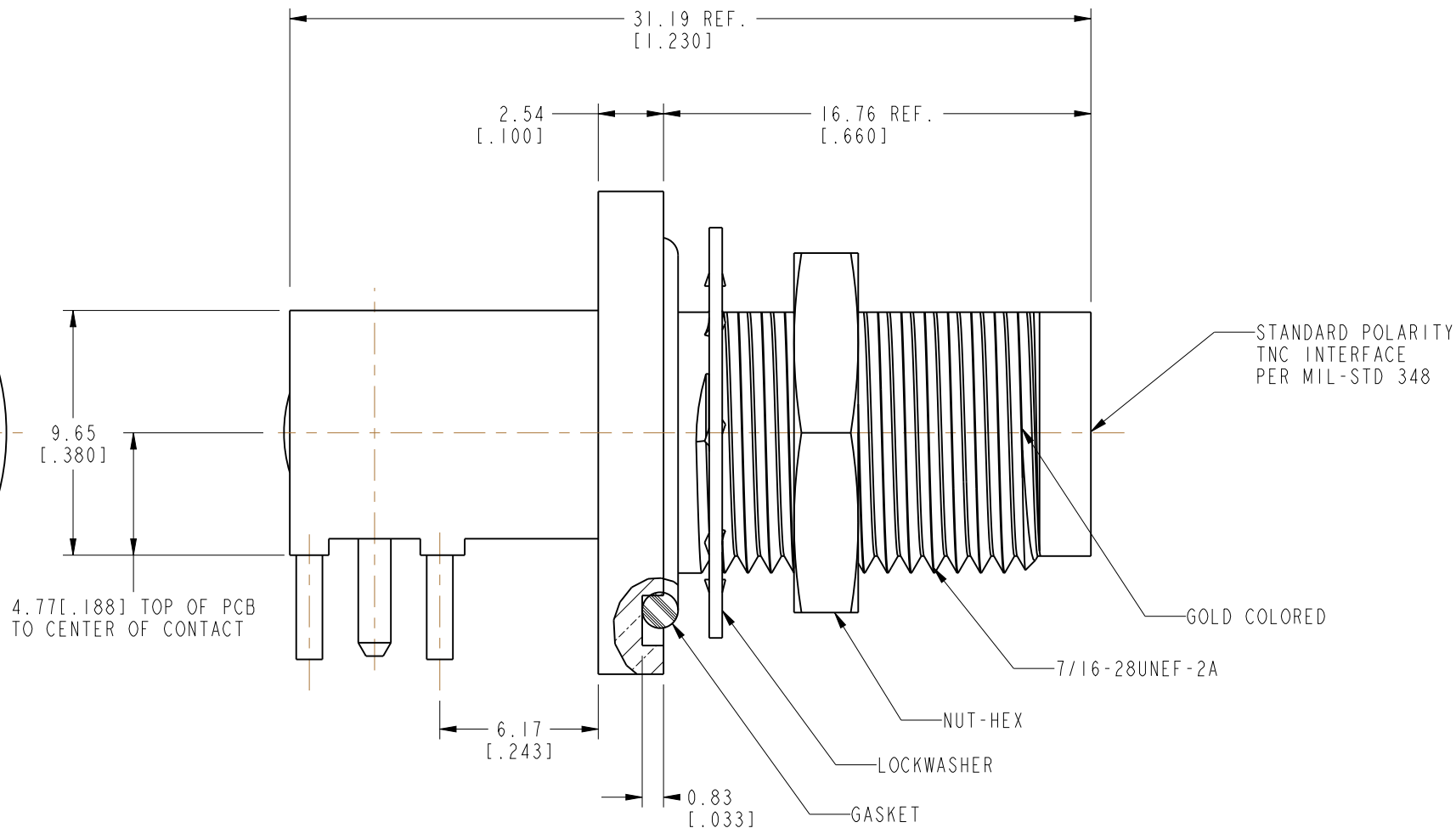
### RECOMMENDED MOUNTING PANEL DIMENSIONS



SCALE 2.000



**RECOMMENDED MOUNTING  
HOLE DIMENSIONS**  
SCALE 3.000



## CUSTOMER OUTLINE DRAWING

**ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                              |                   |                                                       |                                   |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|-------------------|-------------------------------------------------------|-----------------------------------|------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm    0.5 - 6mm    6 - 30mm    30 - 120mm    ANGLES<br>± 0.05mm    ±0.1mm    ±0.2mm    ± 0.3mm    ±1°<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<br>SEE NOTES | DRAWN<br>D.DAVE              | DATE<br>30-Jan-12 | TITLE<br>TNC JACK (IP67)<br>R/A BULKHEAD<br>PCB MOUNT | Amphenol RF<br>www.amphenolrf.com |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | ENGINEER<br>D.DAVE           | DATE<br>30-Jan-12 |                                                       | DRAWING NO. 31-6527               |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | REFERENCE<br>EAR # 4007      | APPROVED          | DATE                                                  | SCALE: 5.0:1.0 SHEET 2 OF 2       |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | CONFIGURATION LEVEL: In Work | CAD FILE          | DWG SIZE<br>B                                         | REV<br>A                          | ITEM NO. 31-6527 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FINISH                |                              |                   |                                                       |                                   | PART NO. 31-6527 |