

1. MATERIALS AND FINISHES:  
BODY, HEX NUT, LOCK WASHER - BRASS, NICKEL PLATING  
CONTACT - BERYLLIUM COPPER, GOLD PLATING  
INSULATOR - PTFE

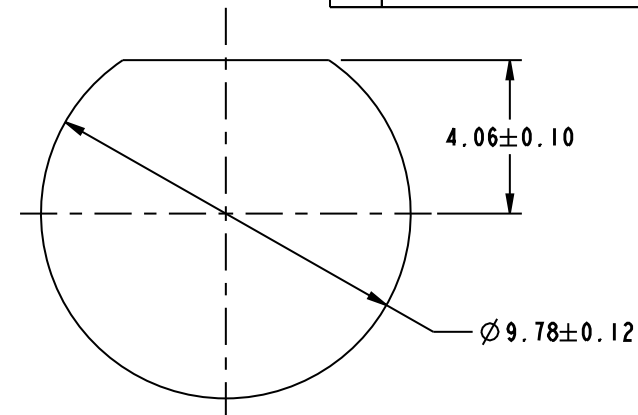
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 2 GHz  
C. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65° C TO 165° C

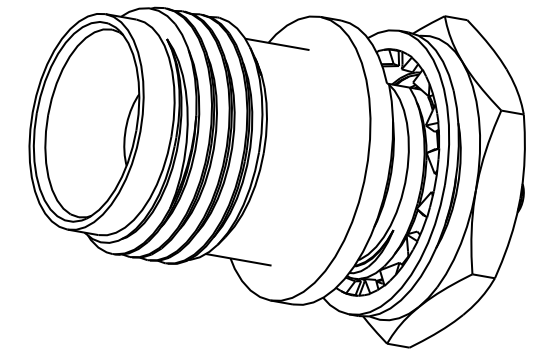
4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 31-80910, AND DATE CODE"



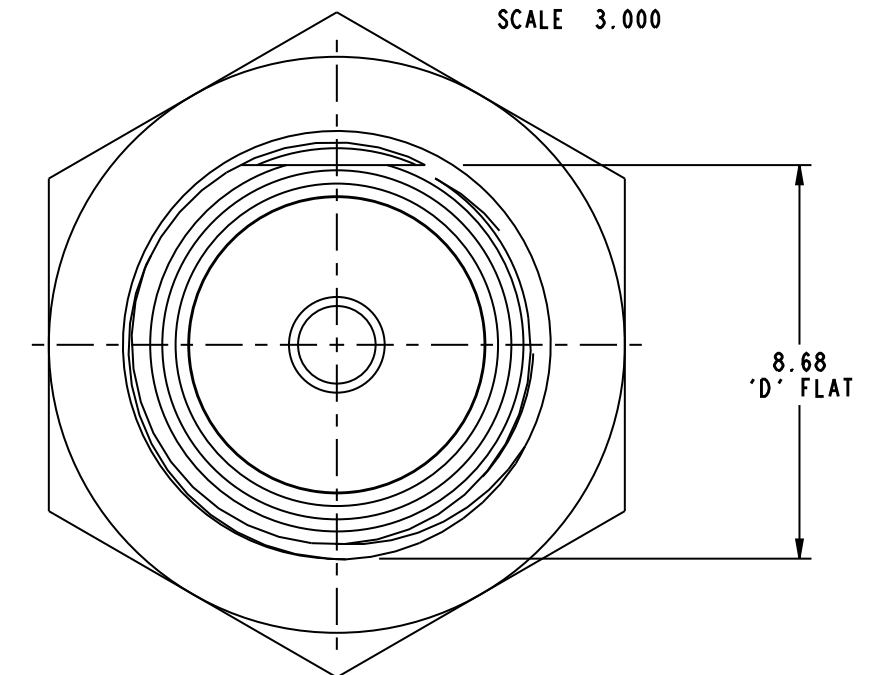
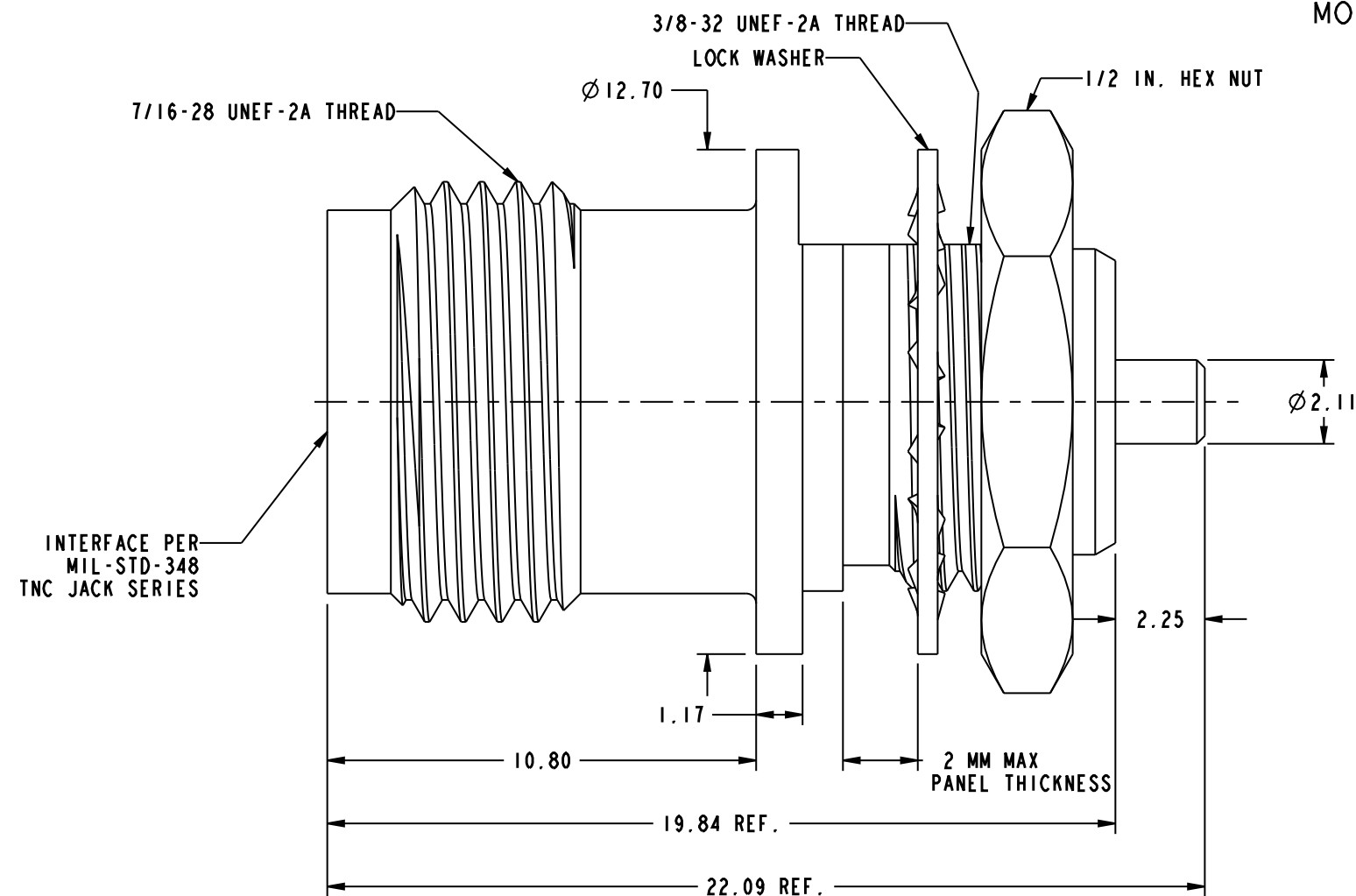
| REV | DESCRIPTION    | DATE      | ECO   | APPR |
|-----|----------------|-----------|-------|------|
| A   | RELEASE TO MFG | 17-Jun-09 | 47608 | SH   |



RECOMMENDED  
MOUNTING HOLE



SCALE 3.000



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

|           |          |            |        |
|-----------|----------|------------|--------|
| 0.5 - 6mm | 6 - 30mm | 30 - 120mm | ANGLES |
| ±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<br>SEE NOTES |
|-----------------------|

|           |
|-----------|
| REFERENCE |
| EAR: 3546 |

**CONFIGURATION LEVEL: Prototype**

**FINISH**

DRAWN  
J. CHENG

ENGINEER  
R. RAJAN

APPROVED  
S. HSIEH

CAD FILE

1:\TNC\31-80910

DATE  
17-Jun-09

DATE  
20-May-09

DATE  
17-JUN-09

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|       |                                   |
|-------|-----------------------------------|
| TITLE | TNC, STRAIGHT, JACK<br>RECEPTCALE |
|-------|-----------------------------------|

SCALE: 6.0:1.0

DWG SIZE  
B

|       |        |
|-------|--------|
| SHEET | 2 OF 2 |
|-------|--------|

|         |
|---------|
| CODE ID |
| 74868   |

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2

REV  
A

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China  
www.amphenolrf.com

DRAWING NO. 31-80910

|          |          |
|----------|----------|
| ITEM NO. | 31-80910 |
|----------|----------|

PART NO. 31-80910

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