NOTES:

I. MATERIALS AND FINISHES:

BODY, RETAINER RING & HEX NUT - BRASS , NICKEL PLATING CONTACT - PHOSPHOR BRONZE, GOLD PLATING FERRULE - COPPER ALLOY, NICKEL PLATING LOCKWASHER - PHOSPHOR BRONZE, NICKEL PLATING INSULATORS (X2) - PTFE

GASKET - SILICONE RUBBER, COLOR RED

2. ELECTRICAL:

A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 4 GHz

C. D.W.V.: 500 VRMS, MIN.

3. MECHANICAL:

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

4. CUSTOMER NOTE: WHEN SOLDERING CONTACT TO CABLE, USE LEAD FREE SOLDER.

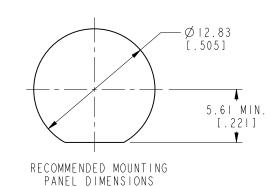
5. WHEN CRIMPING CONTACT PIN TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01)AND DIE SET 227-980-2 CAVITY "B".

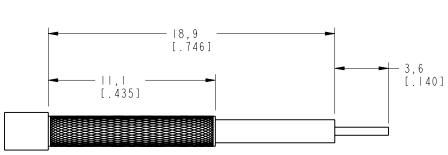
6. WHEN CRIMPING FERRULE TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01) AND DIE SET 227-980-2 CAVITY "A"

7. PACKAGING:

A. QUANTITY: SINGLE PACK

B. MARKING: BAG TO BE MARKED
"AMPHENOL, 31-70016, AND DATE CODE"



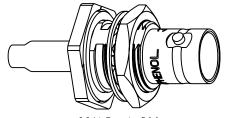


RECOMMENDED CABLE STRIPPING DIMENSIONS SCALE 4.000

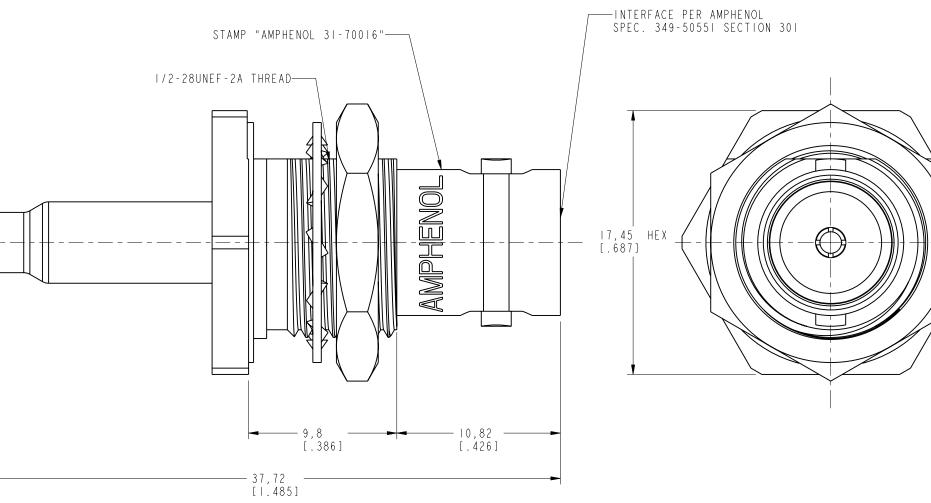
SCALE 2.500



|     | REVISIONS                                                     |           |       |      |
|-----|---------------------------------------------------------------|-----------|-------|------|
| REV | DESCRIPTION                                                   | DATE      | ECO   | APPR |
| Α   | OFFICIAL ENG. RELEASR TO MFG.                                 | 11-Jul-85 | 31555 | KS   |
| В   | 31-11591-1 WAS 31-11591                                       | 14-Sep-85 | 32092 | P.M  |
| С   | NOTE 3 WAS GRADE"D" PLATING                                   | 16-Feb-88 | 34866 | RM   |
| D   | SYNC ARF AND ARFA DRAWING;<br>LOCKWASHER AND NUT WERE CHANGED | -Ju -     | 48635 | DH   |



SCALE 1.500



## **CUSTOMER OUTLINE DRAWING**

REV

 $\mathbb{D}$ 

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>&lt;0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ± 0.1mm + 0.2mm + 0.3mm + 1°</pre>                                                                        |
| $\pm$ 0.05mm $\pm$ 0.1mm $\pm$ 0.2mm $\pm$ 0.3mm $\pm$ 1°                                                                                                              |
| NOTICE - These drawings, specifications, or other data (1) are, and remain the                                                                                         |
| property of Amphenol corp. (2) must be returned upon requiest; and (3) arre<br>confidential and not to be disclosed to any person other than those to whom they        |
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| MATERIAL SEE NOTE I          | DRAWN<br>I.XU        | DATE<br>20 - Jun - II |  |
|------------------------------|----------------------|-----------------------|--|
| - SEL NOTE I                 | ENGINEER<br>RICHER   | DATE<br>12-Apr-02     |  |
| FERENCE<br>FAR 112-972850-50 | APPROVED             | DATE                  |  |
| EAR 112-912830-30            | D.HU                 | -Ju -                 |  |
|                              | CAD FILE             |                       |  |
| FINISH                       | /PDMLINK/31-70016-JA |                       |  |

|   | TIT   |             |       |        |
|---|-------|-------------|-------|--------|
| _ | BNC   | BULK        | HEAD  | JACK   |
|   |       | OHM F       |       |        |
|   | RG    | 179/U       | CABL  | E      |
|   | SCALE | . 4 0 . 1 0 | SHEET | 2 OF 2 |

DWG SIZE

| Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |
|-----------------------------------------------------------------------|
| DRAWING NO. 31-70016                                                  |
| ITEM NO. 31-70016                                                     |
| PART NO.31-70016                                                      |

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