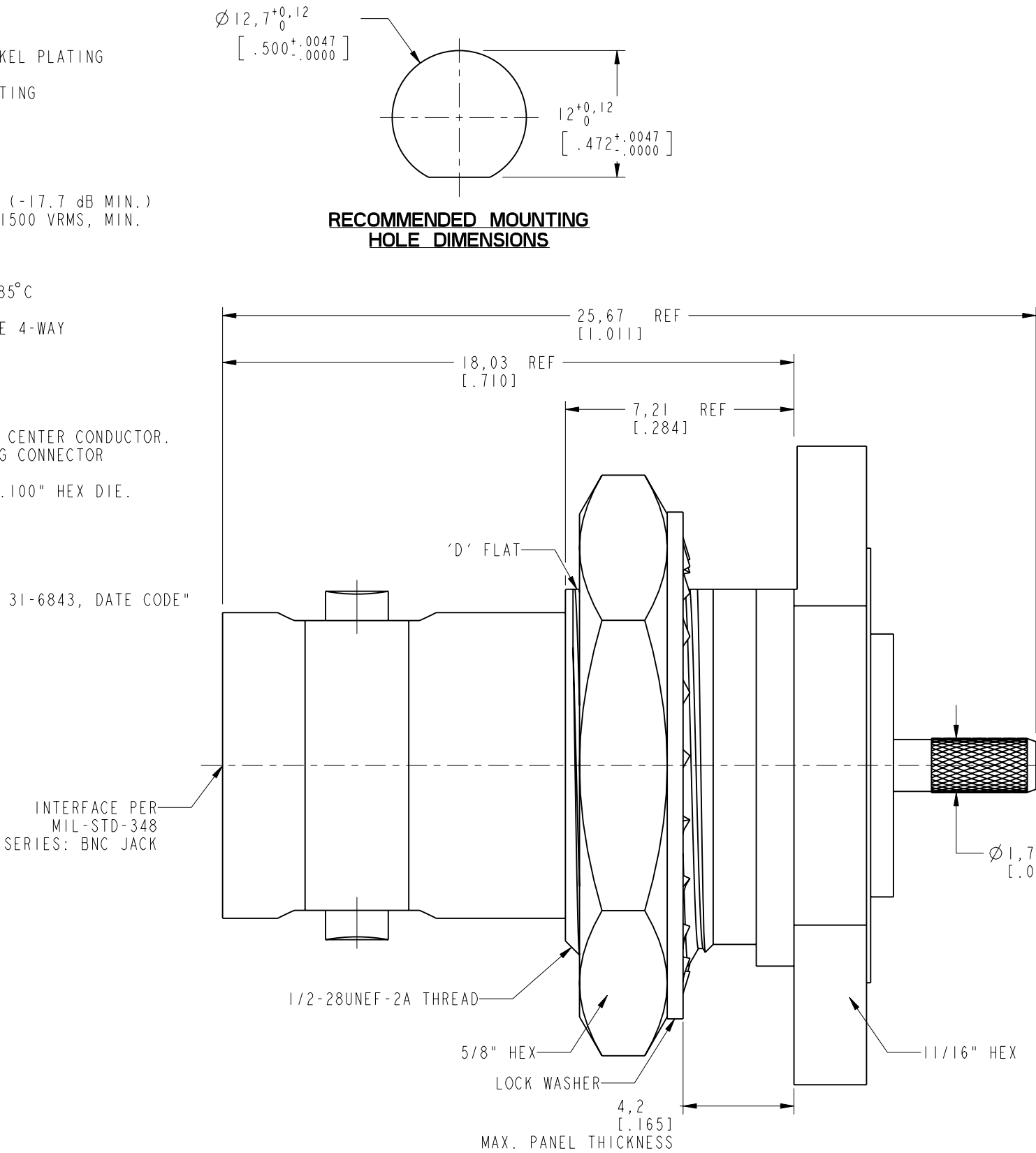


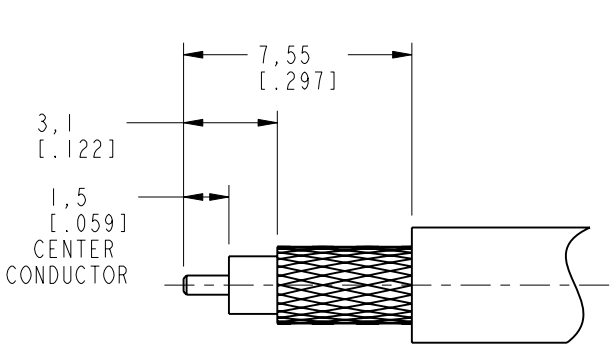
NOTES:

1. MATERIALS AND FINISHES:  
BODY, HEX NUT, LOCK WASHER,  
REAR BODY & FERRULE - BRASS, NICKEL PLATING  
CONTACT - BeCu, GOLD PLATING  
BULLET CONTACT - BRASS, GOLD PLATING  
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 4 GHz  
C. VSWR (RETURN LOSS): 1.30 MAX. (-17.7 dB MIN.)  
D. DIELECTRIC WITHSTAND VOLTAGE:1500 VRMS, MIN.
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -40°C TO +85°C
4. CONTACT PIN CAN BE SOLDERED OR USE 4-WAY  
INDENT CRIMP TOOL #47025.
5. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
B. SLIDE FERRULE ONTO CABLE.  
C. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR.  
D. INSERT CABLE WITH FOIL ENTERING CONNECTOR  
AND BRAID OVER KNURL.  
E. CRIMP FERRULE OVER BRAID WITH .100" HEX DIE.
6. SHOWS CABLE ENTRY DIMENSIONS.
7. PACKAGING:  
1. QUANTITY: SINGLE PACK  
2. MARK BAG OR TAG "AMPHENOL RF, 31-6843, DATE CODE"

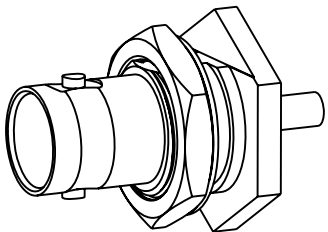


THIRD ANGLE PROJ.

| REVISIONS |                                       |           |       |      |
|-----------|---------------------------------------|-----------|-------|------|
| REV       | DESCRIPTION                           | DATE      | ECN   | APPR |
| A         | RELEASE TO MFG.                       | 18-Jan-19 | 10242 | EH   |
| B         | MODIFY THE CABLE STRIPPING DIMENSIONS | 18-Mar-19 | 10902 | EH   |



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1:500

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° | MATERIAL  | DRAWN     | DATE           | TITLE<br>BNC STR BHD JACK<br>FOR RG 178B/U,<br>196A/U CABLE |                  | Amphenol RF<br><br>www.amphenolrf.com |          |
|                                                                                                                                                                                                     | SEE NOTES | W. ZENG   | 20-Mar-19      |                                                             |                  |                                       |          |
|                                                                                                                                                                                                     | REFERENCE | ENGINEER  | DATE           |                                                             |                  |                                       |          |
|                                                                                                                                                                                                     | EAR# 8412 | S. DUAN   | 24-Jan-19      | DRAWING NO. 31-6843                                         |                  |                                       |          |
|                                                                                                                                                                                                     | REF:      | APPROVED  | DATE           |                                                             |                  | ITEM NO. 31-6843                      |          |
| CONFIGURATION LEVEL: In Work                                                                                                                                                                        | S. HSIEH  | 20-Mar-19 | SCALE: 6.0:1.0 | SHEET 2 OF 2                                                | PART NO. 31-6843 |                                       |          |
| FINISH                                                                                                                                                                                              | CAD FILE  |           | DWG SIZE<br>B  |                                                             |                  |                                       | REV<br>B |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
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