

NOTES:

1. MATERIALS AND FINISHES:
BODY, FERRULE, HEX NUT,
& LOCKWASHER
CONTACT
INSULATOR
BULLET CONTACT
- BRASS, NICKEL PLATING
- BeCu, GOLD PLATING
- PTFE
- BRASS, GOLD PLATING

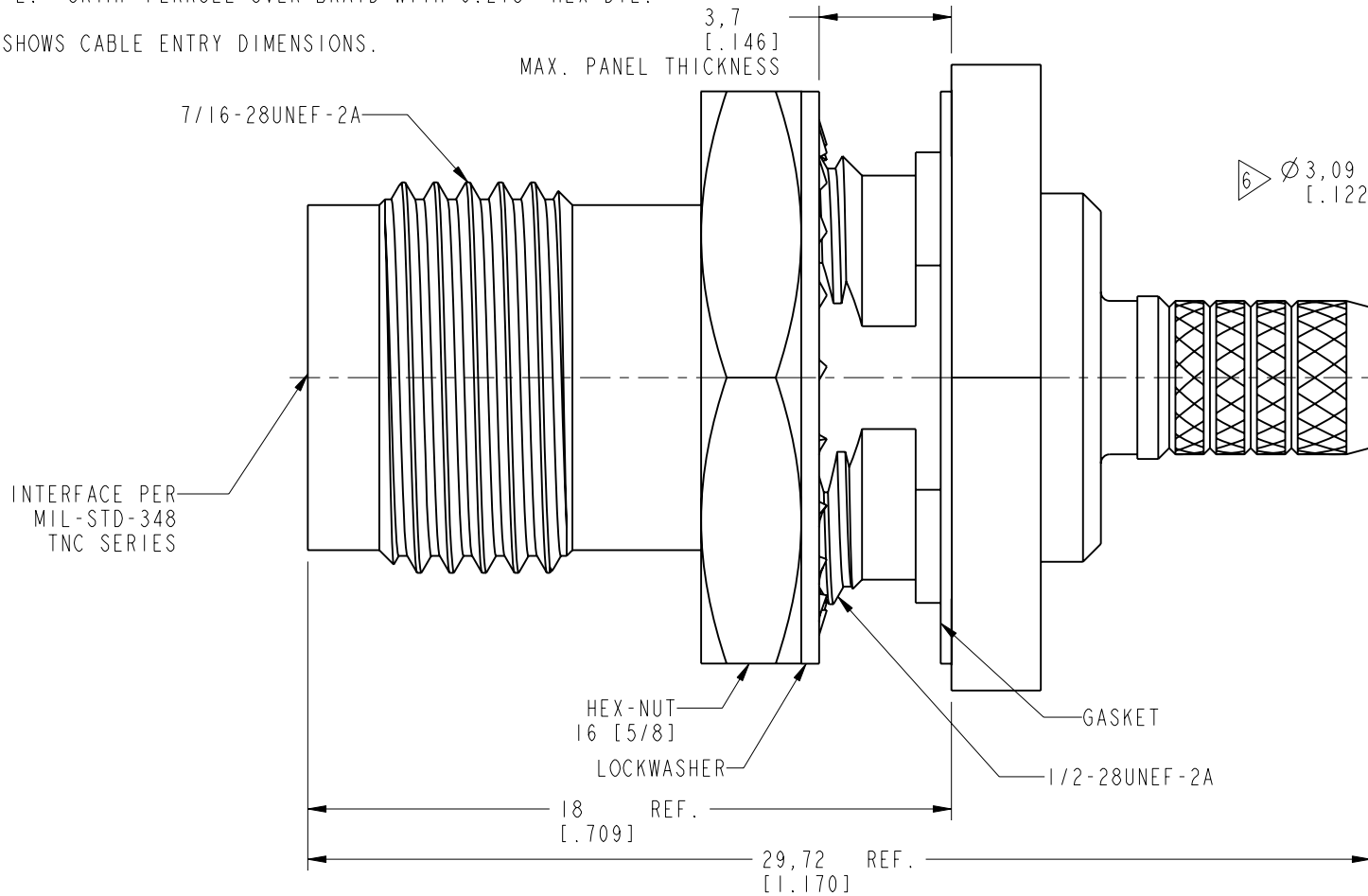
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): 1.1 (26.444 dB), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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, 31-6824, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

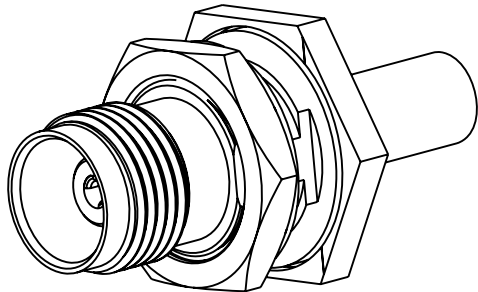
6 SHOWS CABLE ENTRY DIMENSIONS.



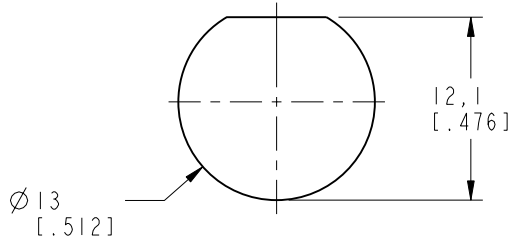
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|-----------------|-----------|-------|------|
| A | RELEASE TO MFG. | 25-May-18 | 08141 | KCE |

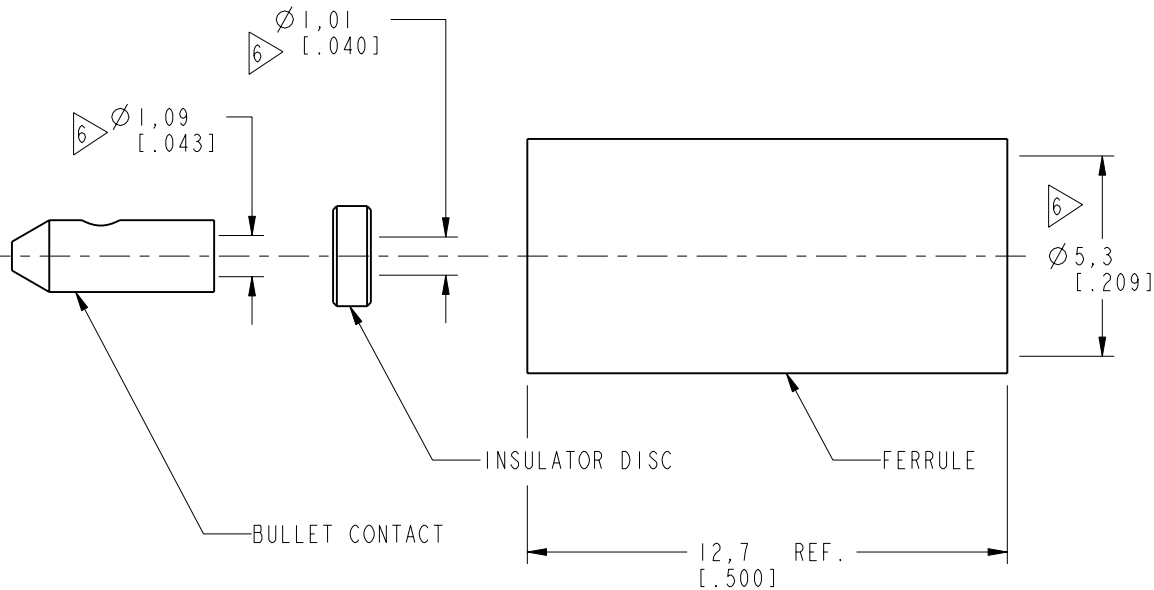


SCALE 2.000



RECOMMENDED
CABLE STRIPPING DIM'S

RECOMMENDED
MOUNTING HOLE



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°

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| | |
|----------------------|------------|
| MATERIAL | - |
| REFERENCE | EAR # 8049 |
| CONFIGURATION LEVEL: | In Work |
| FINISH | |

| | | | |
|----------|---------|------|-----------|
| DRAWN | STAR | DATE | 29-May-18 |
| ENGINEER | SUNDE | DATE | 29-May-18 |
| APPROVED | S.HSIEH | DATE | 29-May-18 |
| CAD FILE | | | |

| | |
|--|--------------|
| TITLE | |
| TNC STR BLKHD JACK FOR LMR-195-UF CABLE | |
| SCALE: 5.0:1.0 | SHEET 2 OF 2 |
| DWG SIZE B | REV A |

| | |
|---------------------|--|
| Amphenol RF | |
| www.amphenolrf.com | |
| DRAWING NO. 31-6824 | |
| ITEM NO. 31-6824 | |
| PART NO. 31-6824 | |

Mouser Electronics

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