

NOTES:

1. MATERIALS AND FINISHES:

- BODY, R. RING, BODY REAR AND HEX NUTS - BRASS, NICKEL PLATING.
- CONTACT - BRASS & BERYLLIUM COPPER, GOLD PLATING.
- CRIMP FERRULE - ANNEALED COPPER, NICKEL PLATING.
- INSULATOR - PTFE
- O-RINGS - SILICONE RUBBER, RED

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM.
- B. FREQUENCY RANGE = DC TO 2.0 GHz

3. MECHANICAL:

- A. CONNECTOR IS IP-67 COMPLIANT.

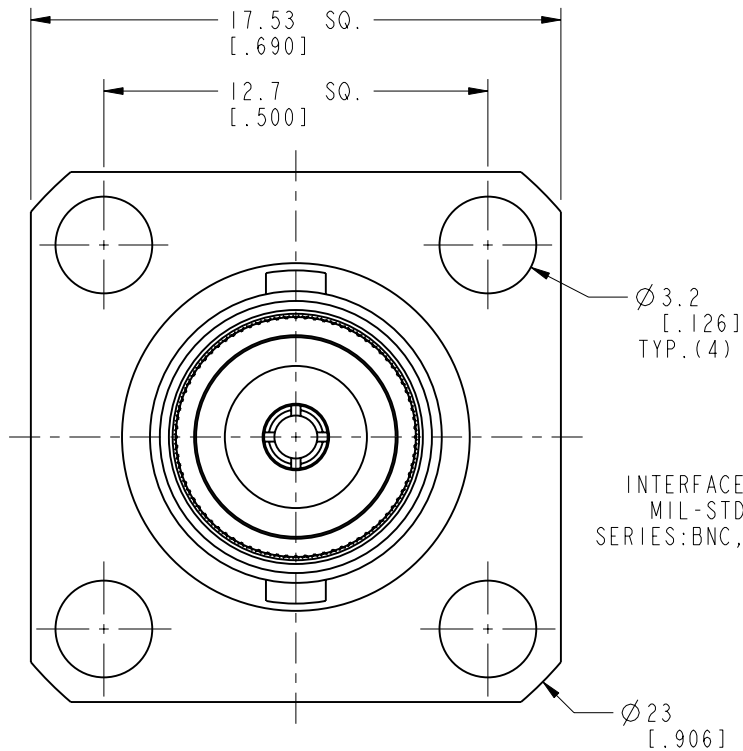
4. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN
- B. SLIDE FERRULE & BACK NUT ONTO CABLE
- C. CRIMP FERRULE USING 0.151" HEX DIE
- D. CRIMP OR SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR
- E. INSERT CABLE WITH BULLET CONTACT INTO BODY
- F. APPLY THREAD LOCKING ADHESIVE ON THE THREADS OF THE BACK NUT
- G. TORQUE BACK NUT DOWN TO 15 INCH-LBS

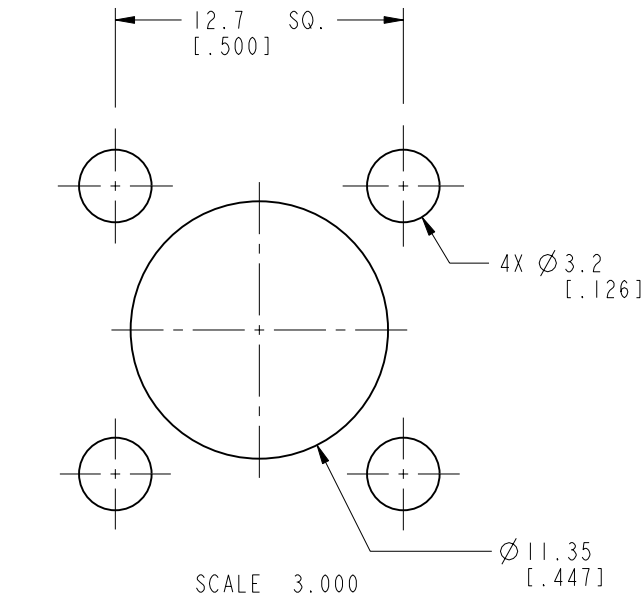
5. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 31-6427, AND DATE CODE"

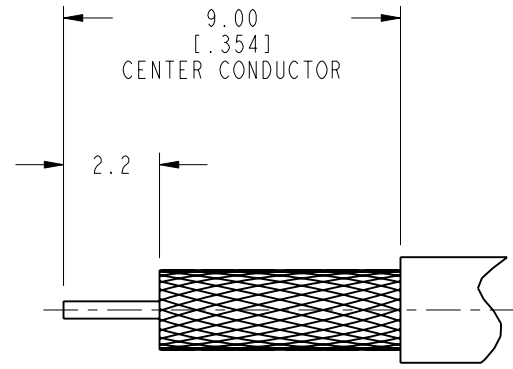
6 SHOWS CABLE ENTRY DIMENSIONS



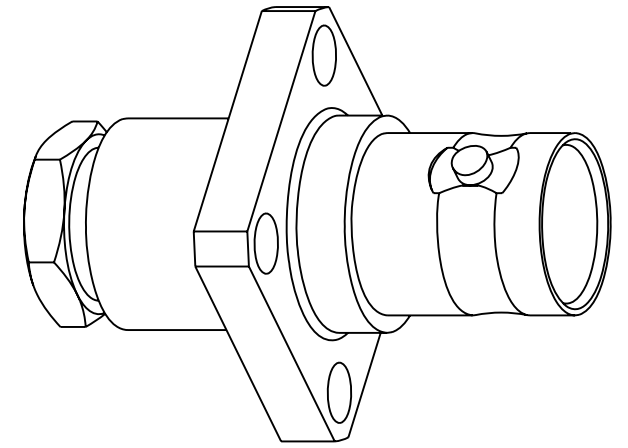
INTERFACE PER MIL-STD-348 SERIES: BNC, JACK



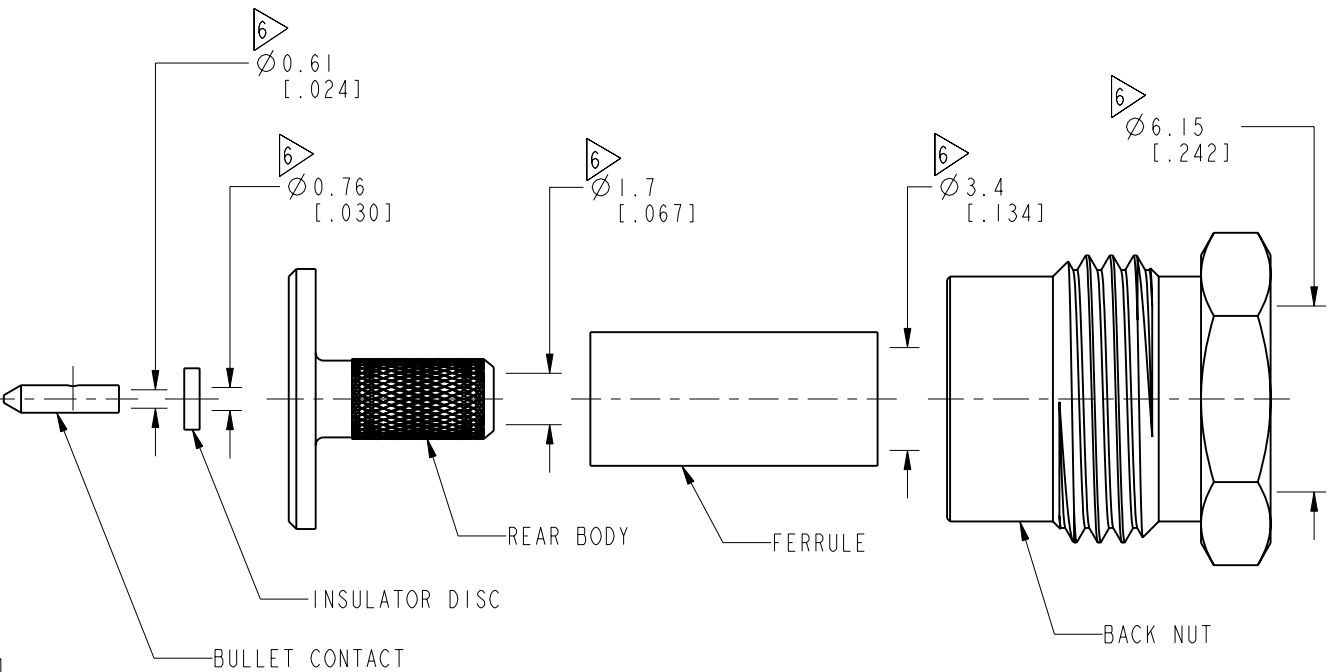
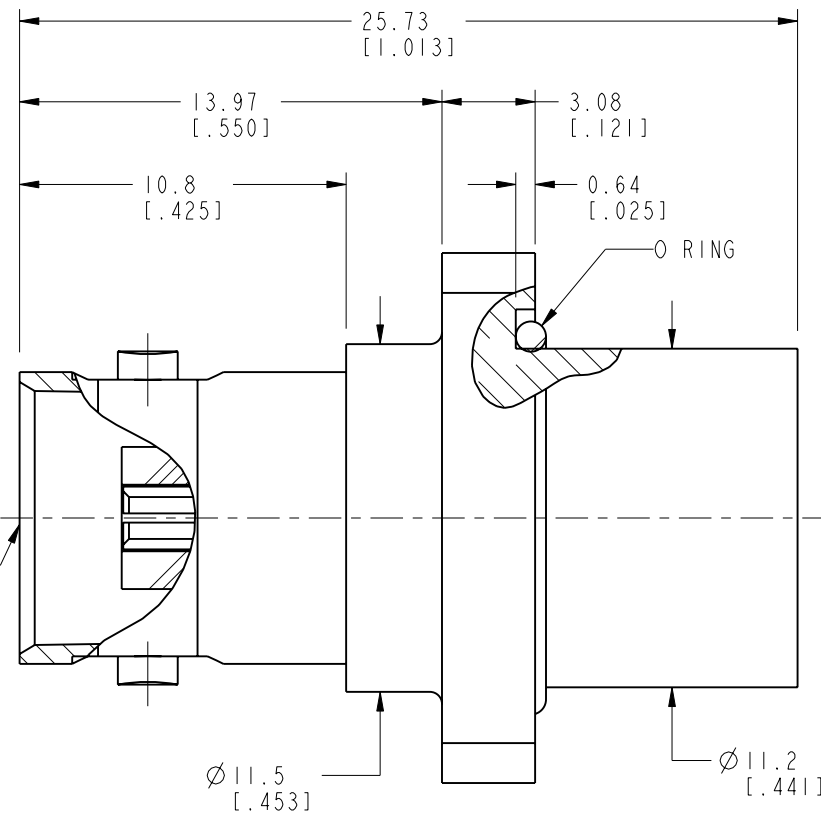
RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 2.500



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 SEE NOTES
REFERENCE EAR # 3678
CONFIGURATION LEVEL:
FINISH

DRAWN T. DENG	DATE 14-Dec-10
ENGINEER NISCHIT MV	DATE 27-Aug-09
APPROVED S. HSIEH	DATE 15-Dec-10
CAD FILE	Root Folder/BNC/31-6427

TITLE BNC, JACK 4 HOLE FLANGE IP 67 FOR RD 316 CABLE	
SCALE: 4.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV A

Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
DRAWING NO. 31-6427
ITEM NO. 31-6427
PART NO. 31-6427