

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.

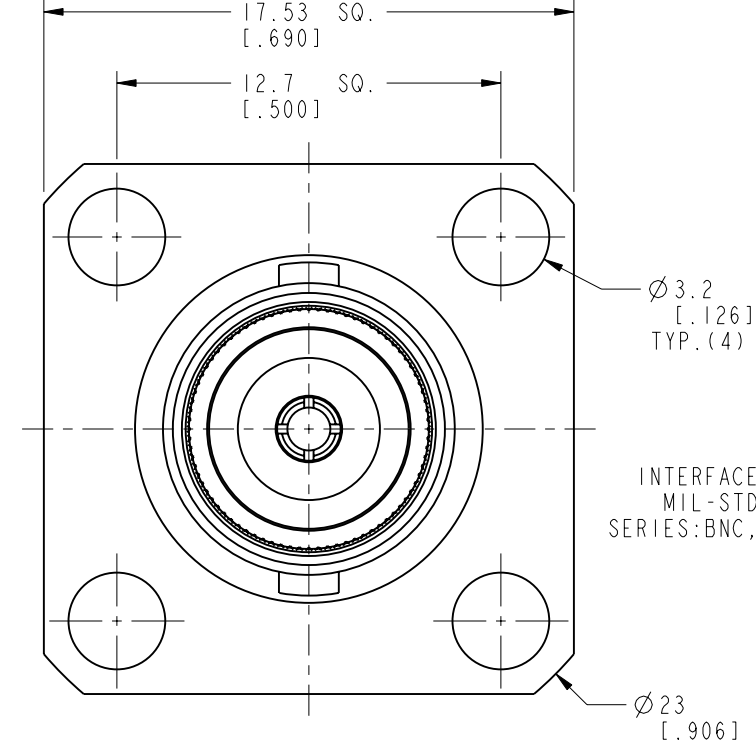
4. CABLE ASSEMBLY INSTRUCTIONS:

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  
INSERT CABLE WITH BULLET CONTACT INTO BODY  
E. APPLY THREAD LOCKING ADHESIVE ON THE THREADS OF THE BACK NUT  
F. TORQUE BACK NUT DOWN TO 15 INCH-LBS

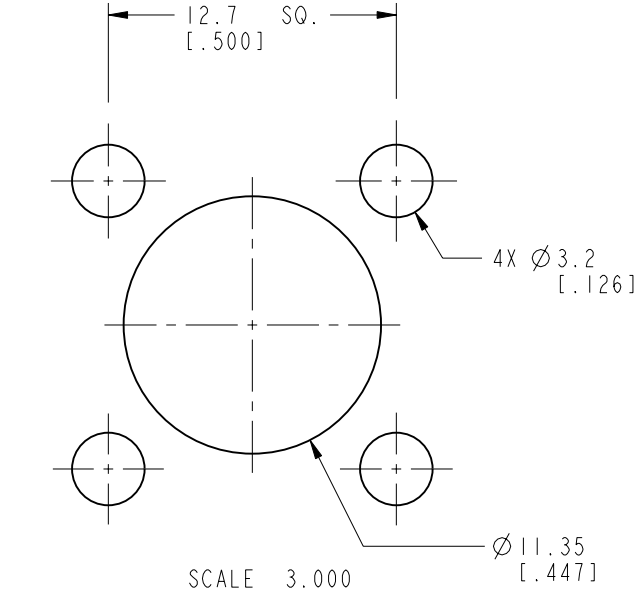
5. PACKAGING:

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

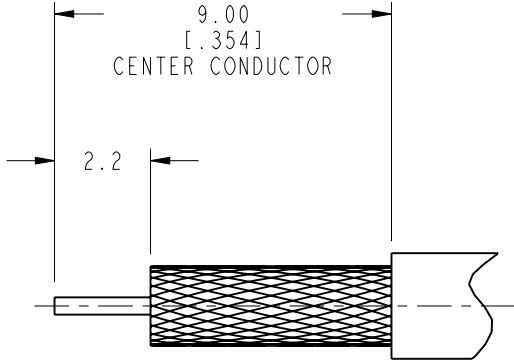
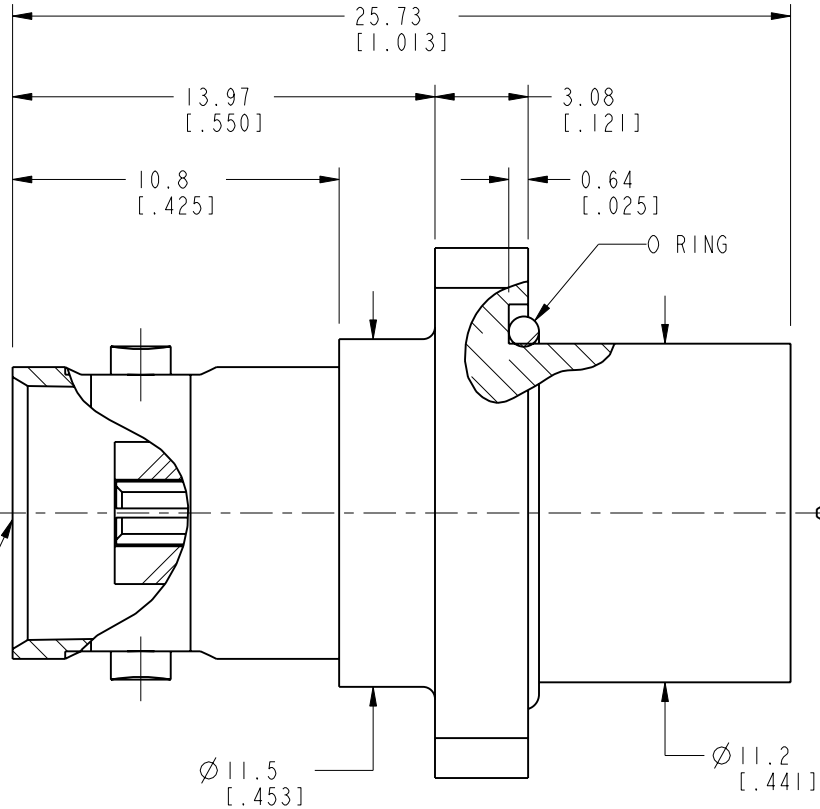
6 SHOWS CABLE ENTRY DIMENSIONS



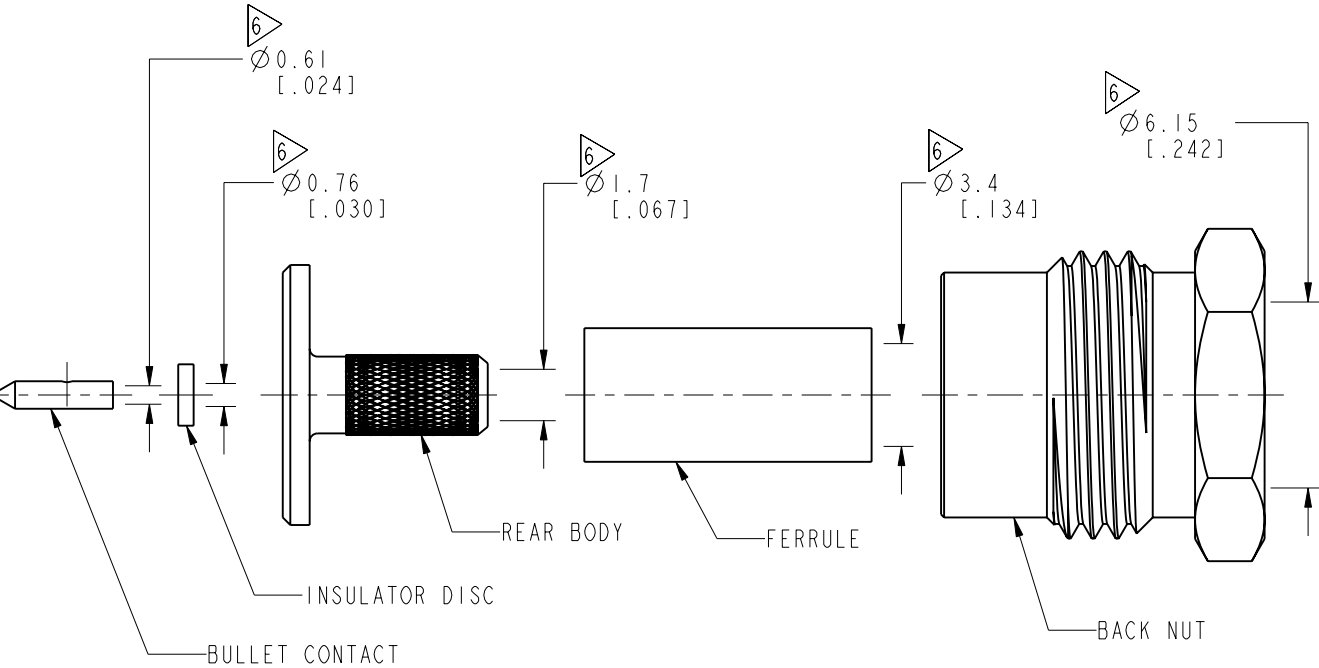
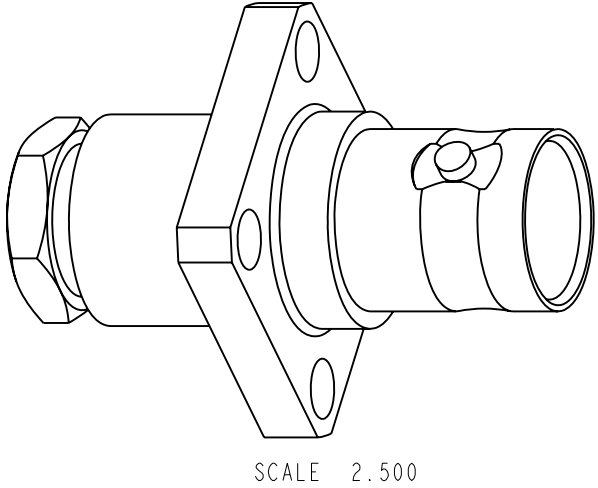
INTERFACE PER  
MIL-STD-348  
SERIES:BNC,JACK



RECOMMENDED MOUNTING  
HOLE DIMENSIONS



RECOMMENDED CABLE  
STRIPPING DIMENSIONS



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

ENGINEER  
NISCHIT MV

APPROVED  
S.HSIEH

CAD FILE

Root Folder/BNC/31-6427

DATE  
14-Dec-10

DATE  
27-Aug-09

DATE  
15-Dec-10

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  
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www.amphenolrf.com

DRAWING NO.31-6427

ITEM NO.31-6427

PART NO.31-6427