

- NOTES:
- MATERIALS AND FINISHES:
    - BODY - BRASS, WHITE BRONZE PLATING
    - REAR BODY - BRASS, WHITE BRONZE PLATING
    - CONTACT - BeCu & BRASS, SILVER PLATING
    - INSULATOR - PTFE, NATURAL
    - GASKET & O-RING - SILICONE RUBBER, RED
    - LOCK WASHER - BRASS, WHITE BRONZE PLATING
    - HEX NUT - BRASS, WHITE BRONZE PLATING
    - FERRULE - COPPER, WHITE BRONZE PLATING

- ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 3 GHz
  - C. RETURN LOSS: -25 dB MIN @ DC-3 GHz
  - D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

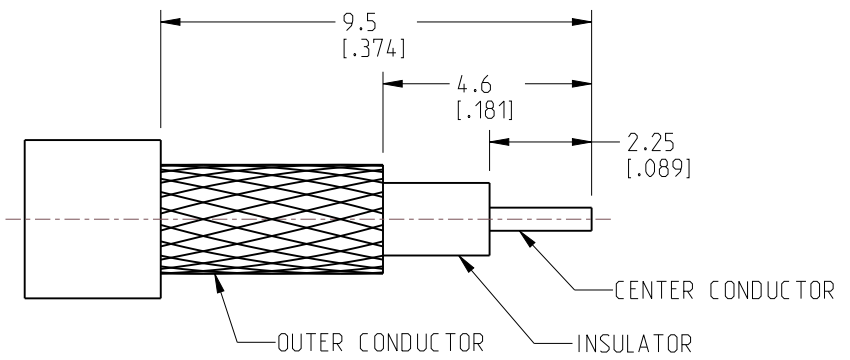
- MECHANICAL:
  - A. DURABILITY: 500 CYCLES MIN.
  - B. TEMPERATURE RANGE: -65° C TO +165° C
  - C. RECOMMENDED PANEL TORQUE: 30 IN-LBS

4. INDICATES CABLE ENTRY DIMENSIONS

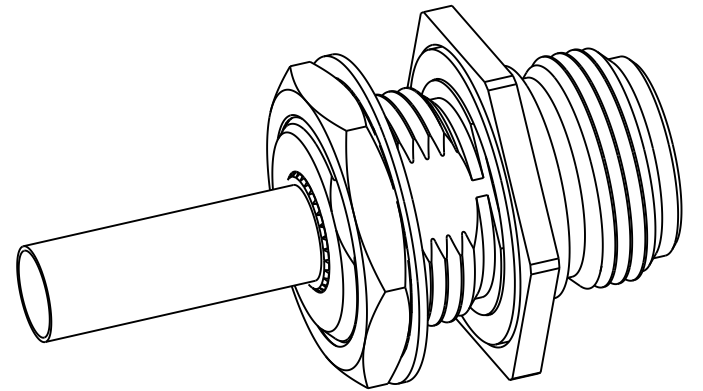
- ASSEMBLY INSTRUCTIONS:
  - A. STRIP CABLE AND INSERT THROUGH SHRINK TUBE AND FERRULE.
  - B. INSERT CENTER CONDUCTOR INTO BULLET CONTACT AND SOLDER.
  - C. INSERT CABLE AND BULLET CONTACT INTO BODY ASSEMBLY UNTIL CABLE BOTTOMS. SPREAD BRAID ON OUTSIDE OF BODY KNURL.
  - D. CRIMP FERRULE WITH HEX CRIMP SIZE .151"

- PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED "AMPHENOL, 82-6785, AND DATE CODE"
  - C. HST, FERRULE, BULLET CONTACT, HEX NUT, LOCK WASHER AND O-RING ARE PACKAGED LOOSE

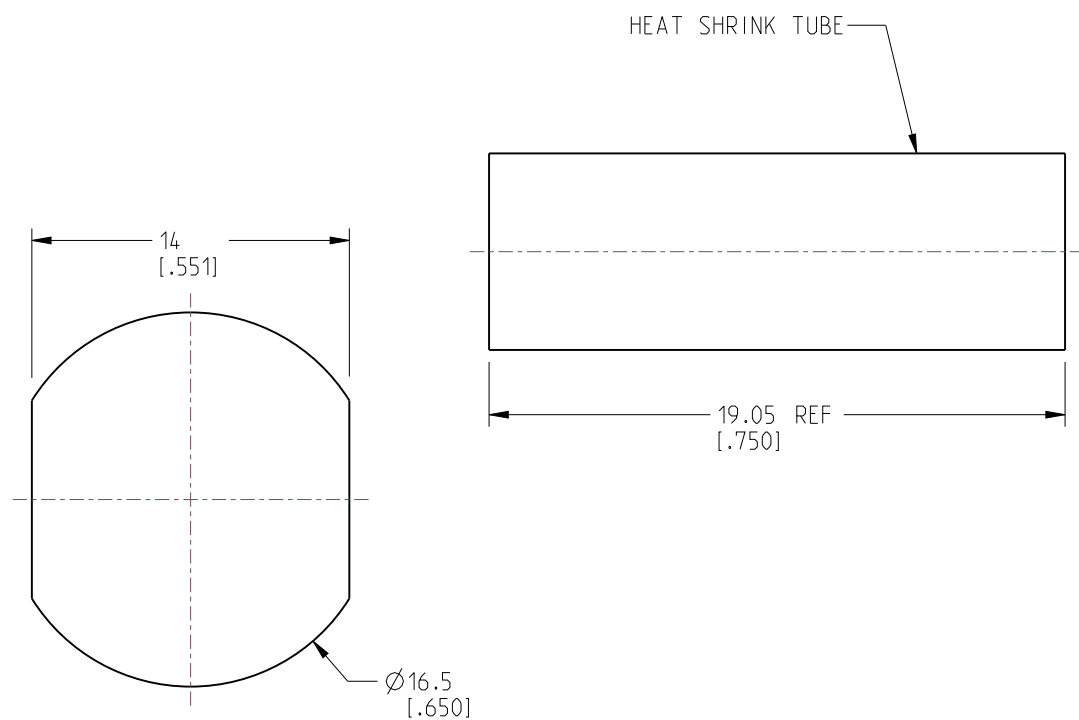
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	10-JUN-22	16281	SH



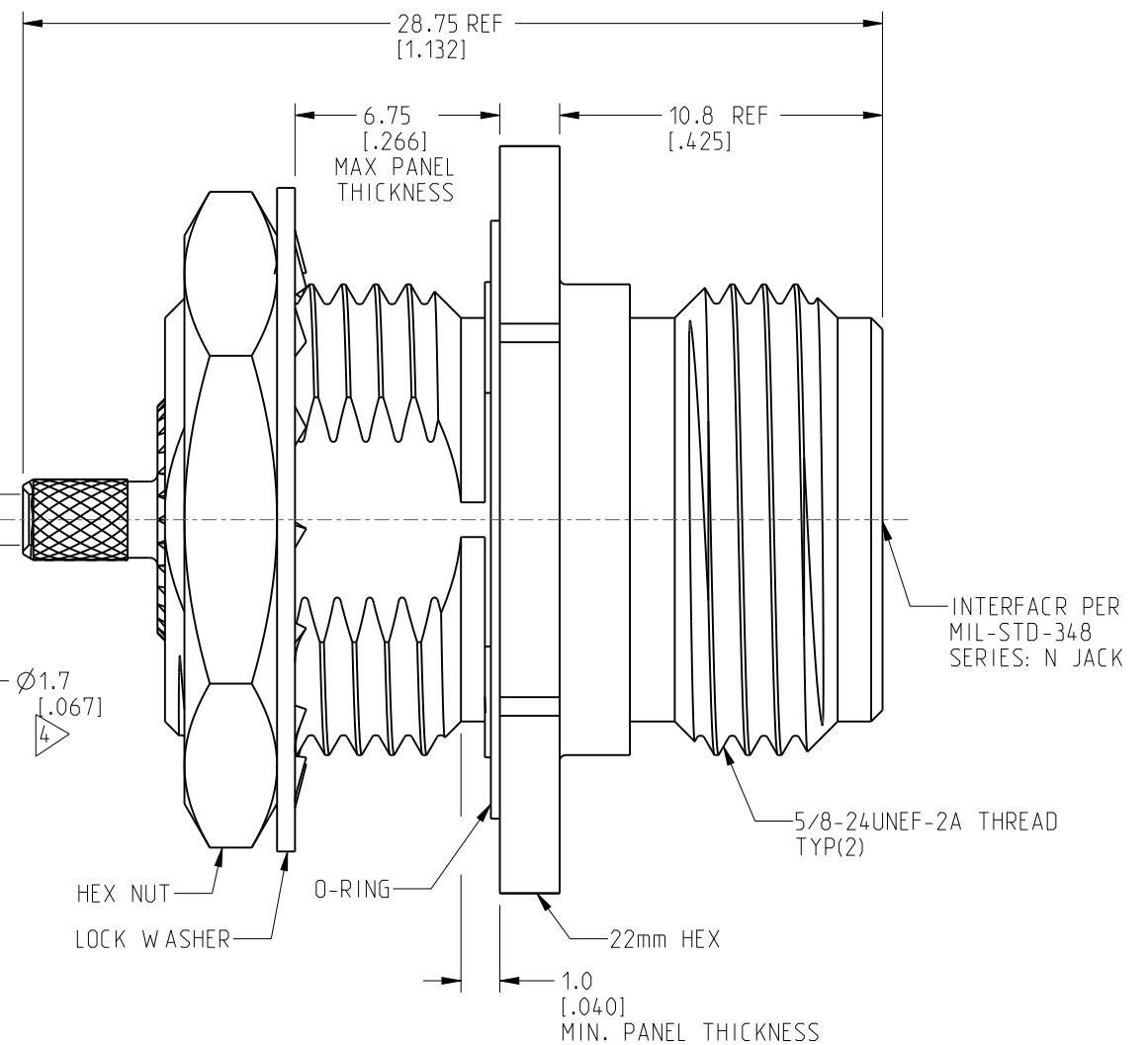
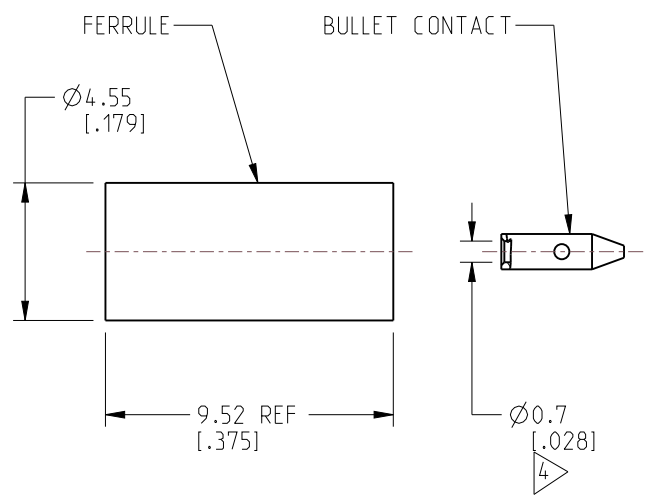
**RECOMMENDED CABLE STRIPPING DIMENSIONS**



SCALE 2.000



**RECOMMENDED MOUNTING HOLE**



**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ. REFERENCE EAR# 10108

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:

<0.5mm = ±0.05mm	[<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm	[>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm	[>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm	[>1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL

ENGR.1 T.LIPKIN ENGR.2 JACK LIANG DATE 29-SEP-21

TITLE

3 GHz TYPE N FRT BHD JACK IP67 FOR RD-316 CABLE

SHEET NO. 2 OF 2 SCALE: 4.0:1.0

**Amphenol RF**

SIZE	DRAWING NO. 82-6785	REV
	ITEM NO. 82-6785	A
	PART NO. 82-6785	