

NOTES:

1. 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

2. 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.

3. 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

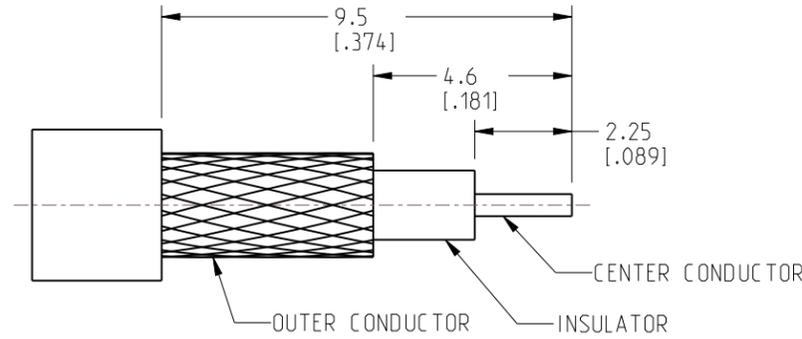
5. ASSEMBLY INSTRUCTIONS:

- 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"

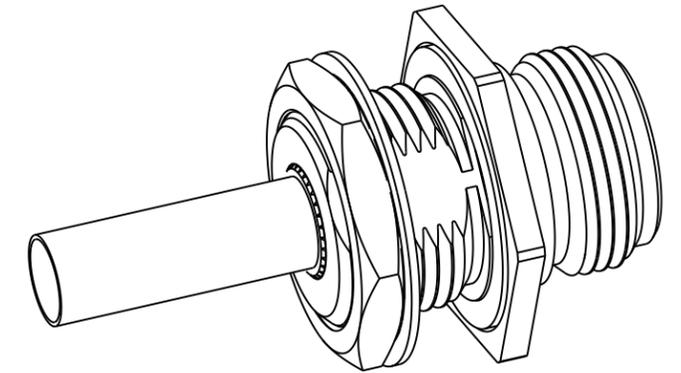
6. PACKAGING:

- 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

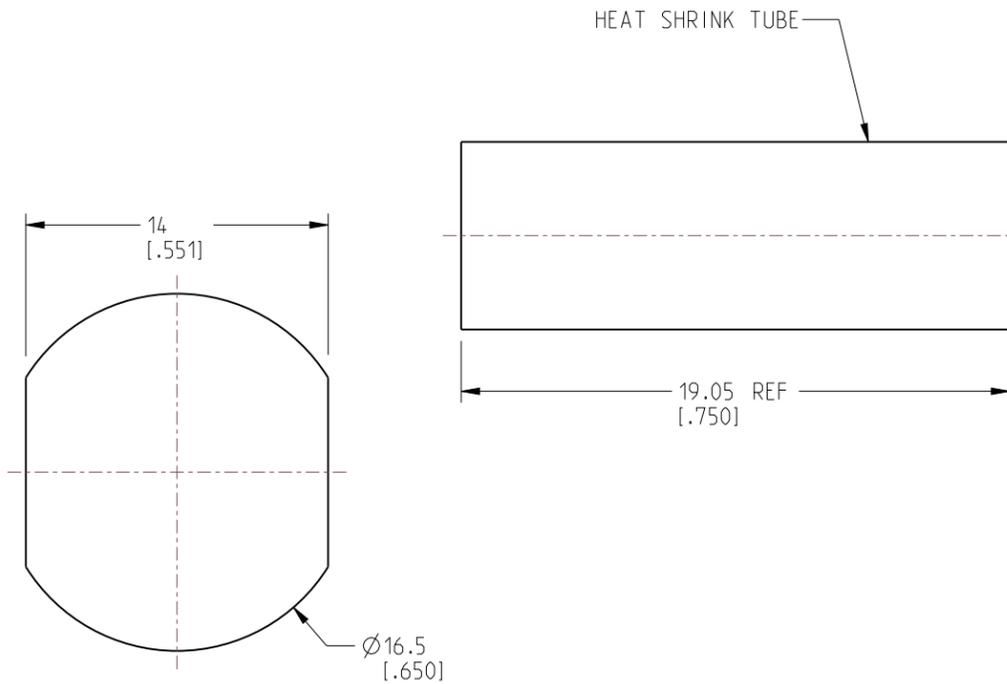
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	10-JUN-22	16281	SH



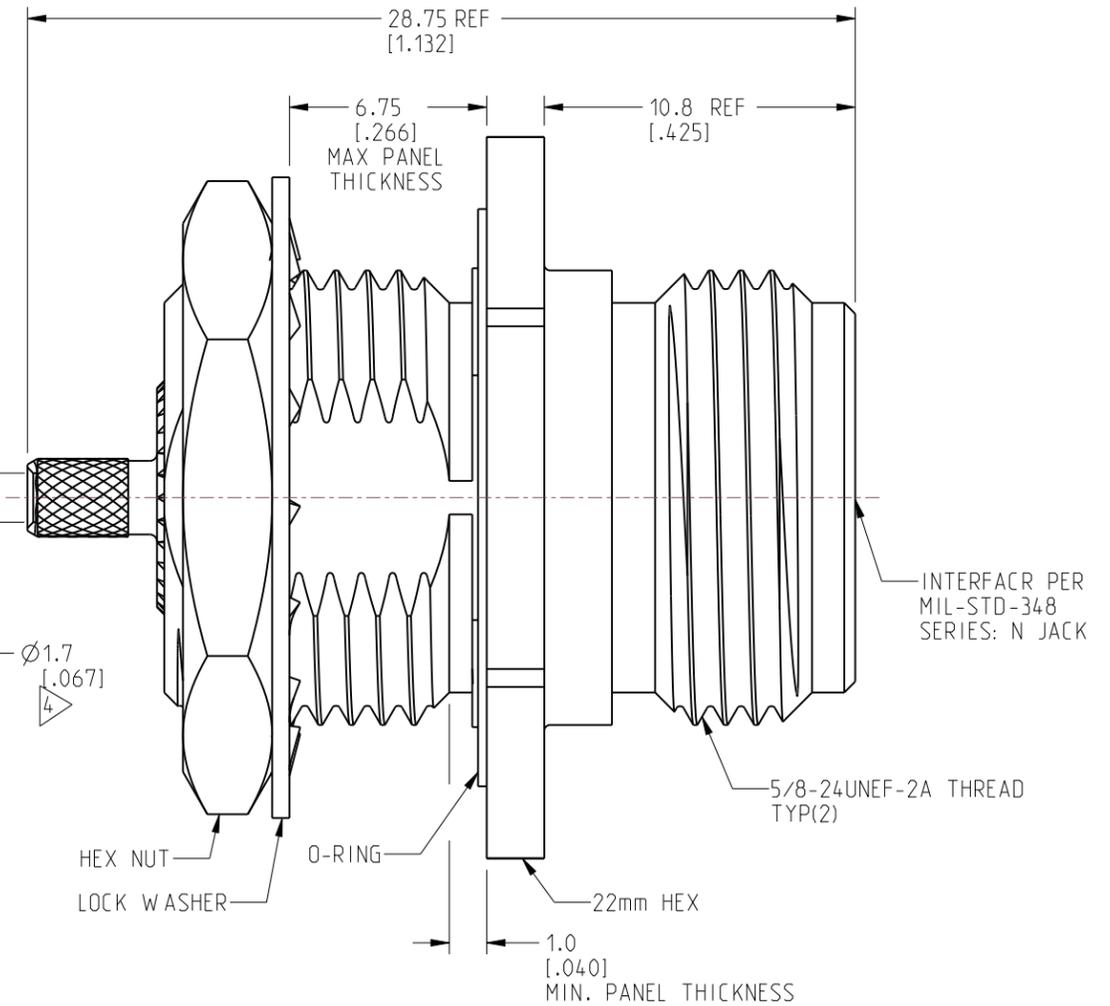
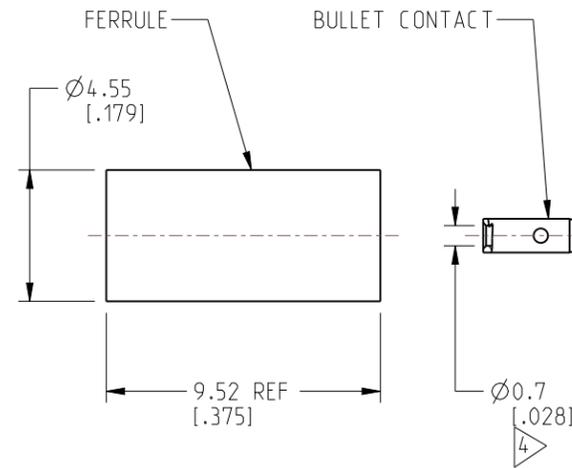
RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 2.000



RECOMMENDED MOUNTING HOLE



INTERFACR PER MIL-STD-348 SERIES: N JACK

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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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	

THIRD ANGLE PROJ.

REFERENCE EAR# 10108