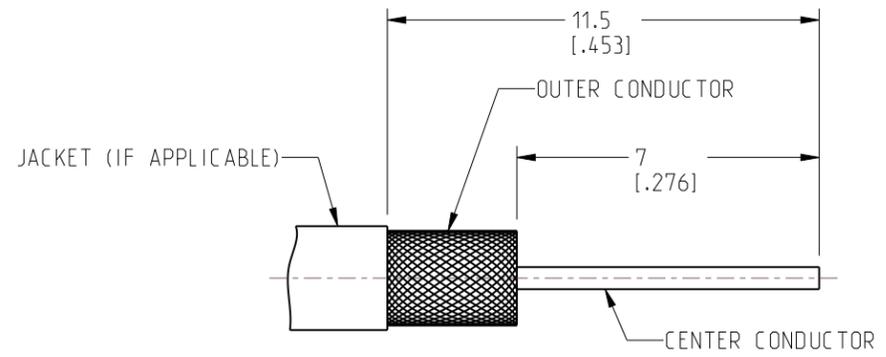
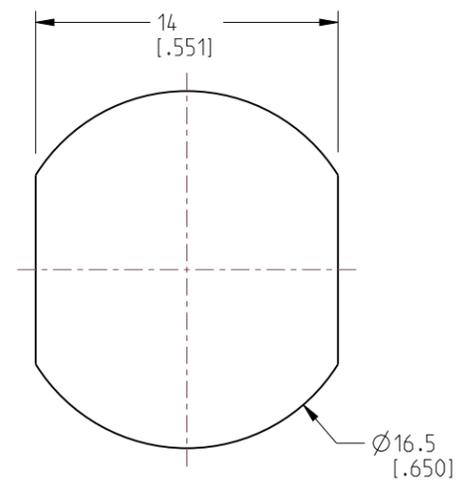
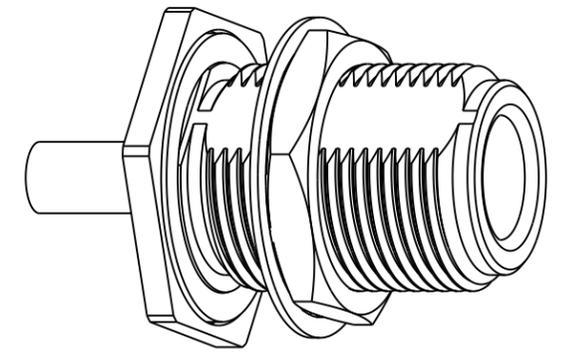


- NOTES:
- MATERIALS AND FINISHES:  
 BODY - BRASS, WHITE BRONZE PLATING  
 CONTACT - BeCu & BRASS, SILVER PLATING  
 INSULATOR - PTFE, NATURAL  
 INSULATOR BEAD - PTFE, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 LOCKWASHER - BRASS, WHITE BRONZE PLATING  
 HEX NUT - BRASS, WHITE BRONZE PLATING
  - ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 18 GHz  
 C. VSWR(RETURN LOSS): 1.15 MAX. @ DC - 6 GHz  
                                   1.20 MAX. @ 6 - 12 GHz  
                                   1.25 MAX. @ 12 - 18 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.  
 E. INTERMODULATION 3rd ORDER: -150dBc @2X20W
  - MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C  
 C. RECOMMENDED PANEL TORQUE: 30 IN-LBS
  - INDICATES CABLE ENTRY DIMENSIONS
  - ASSEMBLY INSTRUCTIONS:  
 A. FOR SEMI-RIGID CABLE, THERMALLY CYCLE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.  
 B. STRIP CABLE AND INSERT THROUGH SHRINK TUBE.  
 C. INSERT INSULATOR BEAD OVER CENTER CONDUCTOR AND SOLDER BULLET CONTACT.  
 D. INSERT CABLE AND BULLET CONTACT INTO BODY ASSEMBLY UNTIL CABLE BOTTOMS.  
    APPROX. 2.5 MM OF CABLE OUTER CONDUCTOR SHOULD BE INSERTED.  
 E. SOLDER BODY ONTO CABLE. 250 WATT SOLDERING IRON RECOMMENDED. USE OF FLUX RECOMMENDED.
  - PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
    "AMPHENOL, 82-6766, AND DATE CODE"

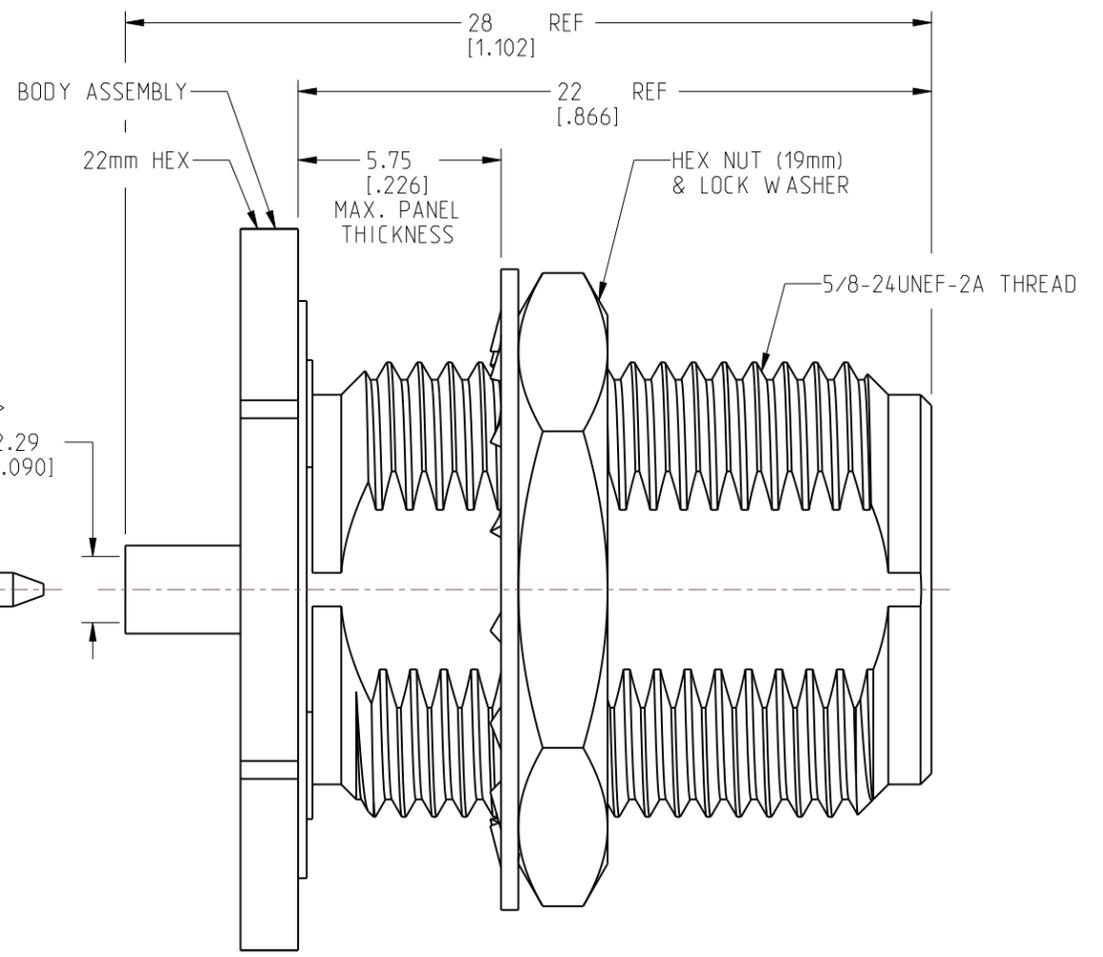
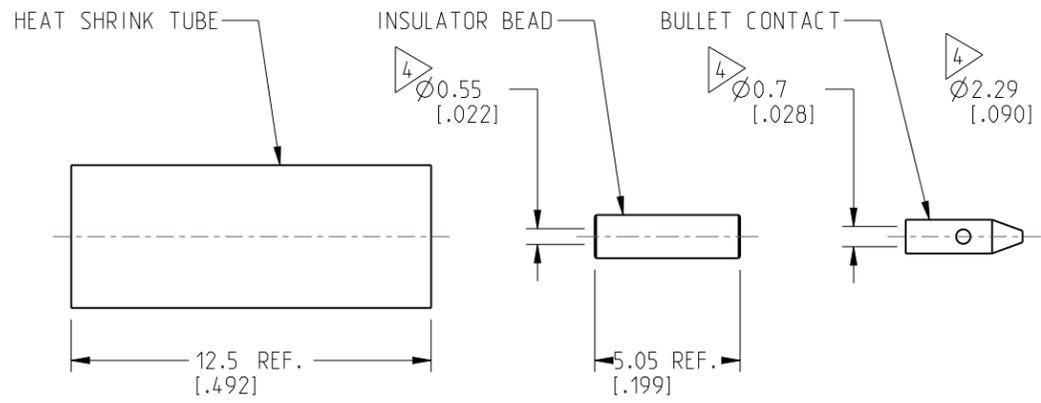


**RECOMMENDED CABLE STRIPPING DIMENSIONS**

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	12-JUL-21	15804	SH



**RECOMMENDED MOUNTING HOLE**



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

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THIRD ANGLE PROJ. REFERENCE EAR# 10072

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:  
 <0.5mm = ±0.05mm [ $<0.020 = \pm 0.002$ ]  
 >0.5 - 6mm = ±0.1mm [ $>0.020 - 0.236 = \pm 0.004$ ]  
 >6.00 - 30mm = ±0.2mm [ $>0.236 - 1.181 = \pm 0.008$ ]  
 >30.00 - 120mm = ±0.3mm [ $>1.181 - 4.725 = \pm 0.012$ ]

ANGLES = ±1°

MATERIAL: SEE NOTES  
 ENGINEER: E.W.U  
 DATE: 28-JUN-21

TITLE: 18 GHz TYPE N BHD JACK IP67 FOR .085" SEMI-RIGID & CONFORMABLE  
 SHEET NO. 2 OF 2  
 SCALE: 4.0:1.0

**Amphenol RF**

SIZE: B	DRAWING NO. 82-6766	REV: A
	ITEM NO. 82-6766	
	PART NO. 82-6766	