

NOTES:

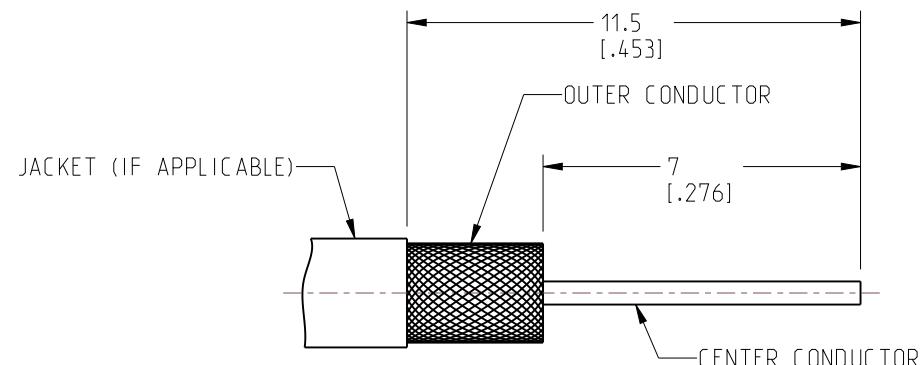
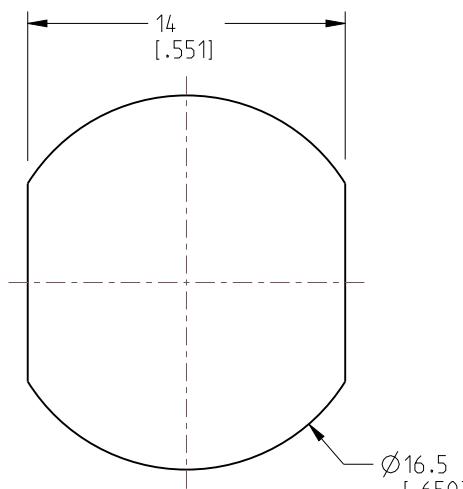
1. MATERIALS AND FINISHES:
 BODY - BRASS, WHITE BRONZE PLATING
 CONTACT - BeCu & BRASS, SILVER PLATING
 INSULATOR - PTFE, NATURAL
 INSULATOR BEAD - PTFE, NATURAL
 GASKET - SILICONE RUBBER, RED
 LOCKWASHER - BRASS, WHITE BRONZE PLATING
 HEX NUT - BRASS, WHITE BRONZE PLATING

2. 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

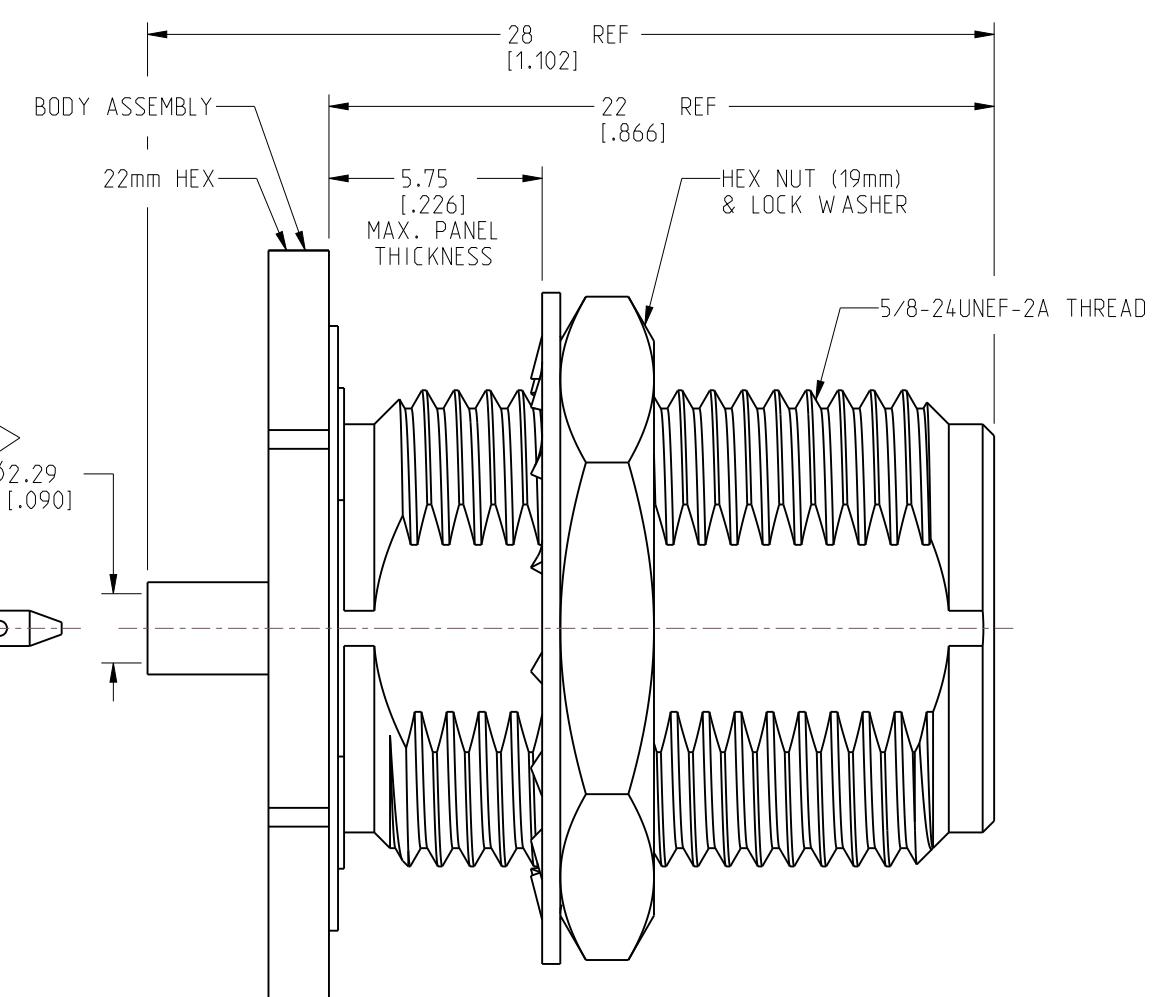
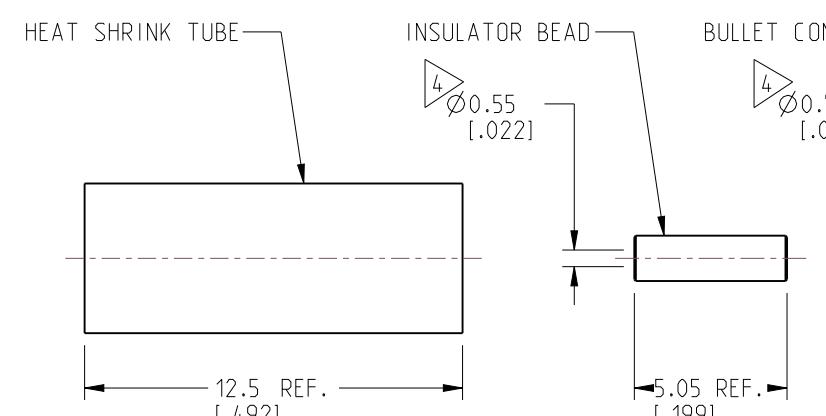
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° C TO +165° C
 C. RECOMMENDED PANEL TORQUE: 30 IN-LBS
 4. INDICATES CABLE ENTRY DIMENSIONS

5. ASSEMBLY INSTRUCTIONS:
 A. 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.

6. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL, 82-6766, AND DATE CODE"

RECOMMENDED CABLE
STRIPPING DIMENSIONS

RECOMMENDED MOUNTING HOLE



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 [$<0.020 = \pm 0.002$]
 >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 [$>1.181 - 4.725 = \pm 0.012$]

MATERIAL
SEE NOTES

TITLE
 18 GHz TYPE N BHD JACK
 IP67 FOR .085"
 SEMI-RIGID & CONFORMABLE

THIRD ANGLE PROJ. REFERENCE EAR# 10072

ANGLES = ±1°

ENGINEER
E.WU

DATE
28-JUN-21

SHEET NO. 2 OF 2
SCALE: 4.0:1.0

Amphenol RF

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

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