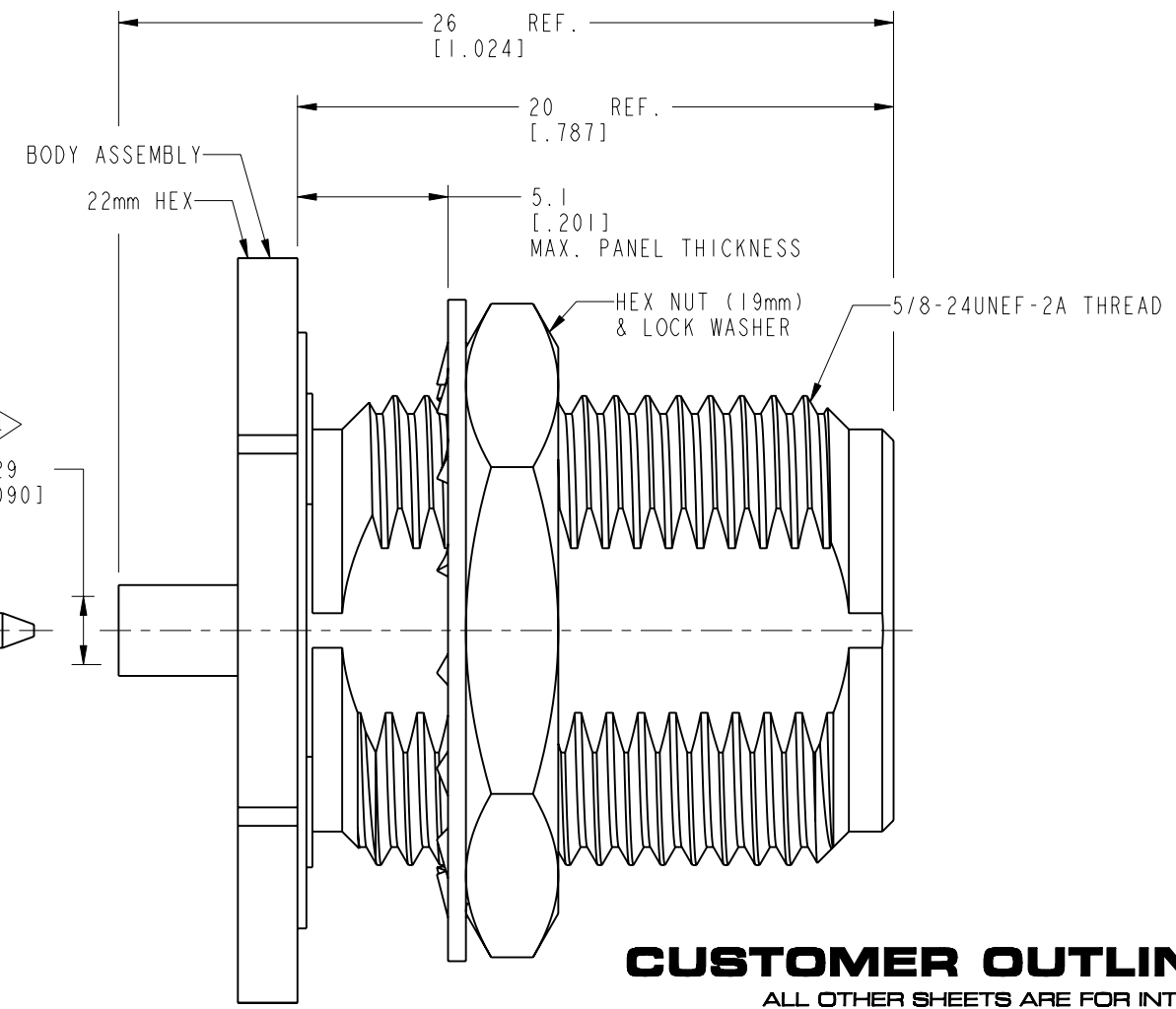
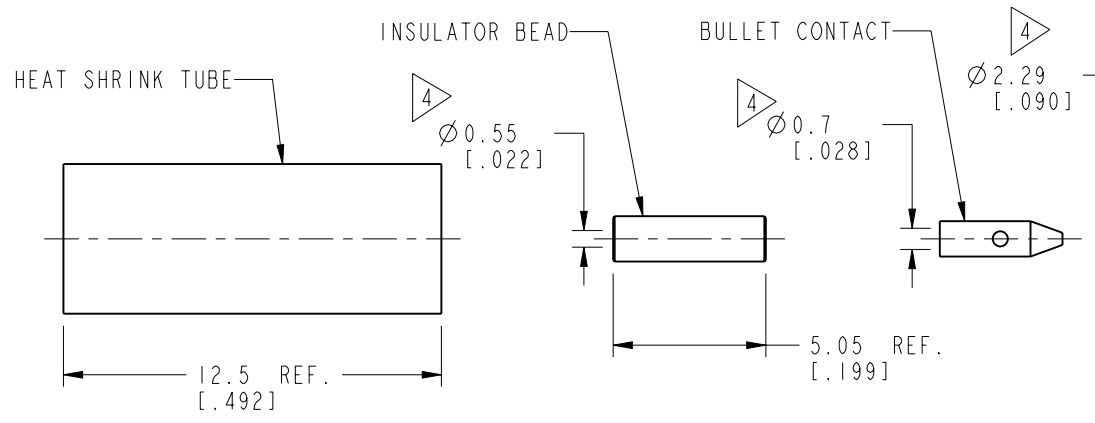
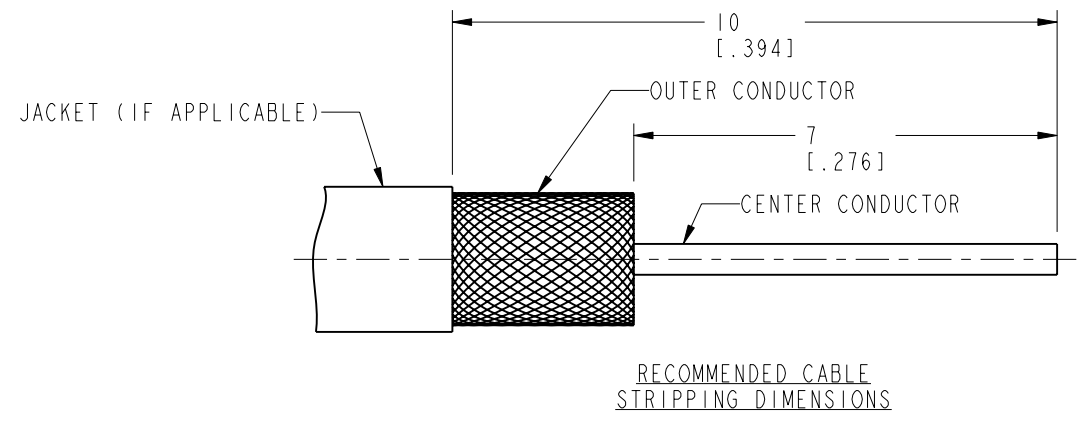
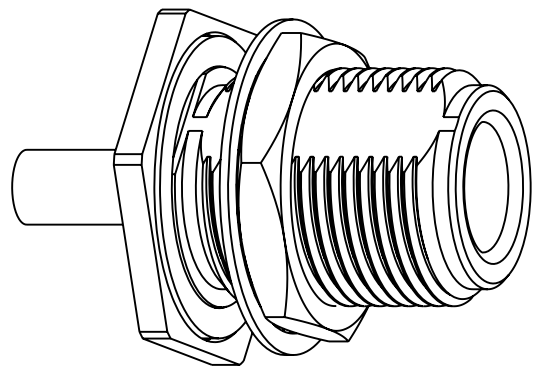
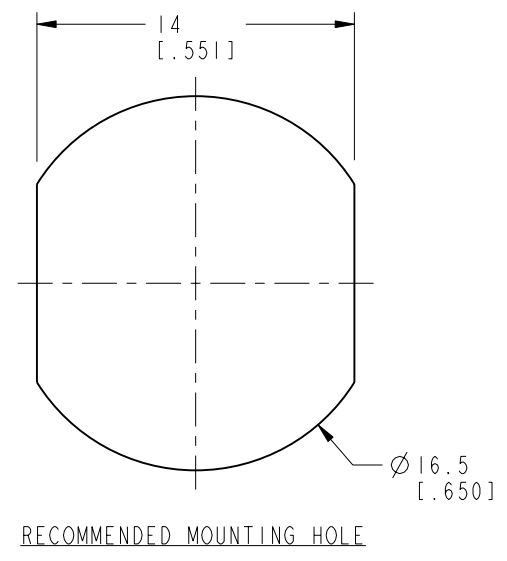


NOTES:

- MATERIALS AND FINISHES:
 - BODY - BRASS, WHITE BRONZE PLATING
 - CONTACT - BeCu, SILVER PLATING
 - BULLET CONTACT - 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): 1.10 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
- PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 82-6684 & DATE CODE"
- ASSEMBLY INSTRUCTIONS:
 - A. FOR SEMI-RIGID CABLE, THERMALLY CYCLE ACCORDING TO MANUFACTURERS SPECIFICATIONS.
 - B. STRIP CABLE AND INSERT THROUGH SHRINK TUBE.
 - C. INSERT INSULATOR BEAD OVER CENTER CONDUCTOR AND SOLDER BULLET CONTACT. ALL COMPONENTS SHOULD BE FLUSH. BULLET CONTACT SHOULD BE STRAIGHT.
 - 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.



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ. REFERENCE EAR# 8745

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

ENGINEER M.ZHANG DATE 09-Jun-20

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

SHEET NO. 2 OF 2 SCALE: 4.0:1.0

Amphenol RF

SIZE B	DRAWING NO. 82-6684	REV A
	ITEM NO. 82-6684	
	PART NO. 82-6684	

Mouser Electronics

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