NOTES:

1. MATERIALS AND FINISHES:
   BODY - BRASS, WHITE BRONZE PLATING
   CONTACT - BeCu, SILVER PLATING
   BULLET CONTACT - BRASS, SILVER PLATING
   INSULATOR - PTFE, NATURAL
   INUSLATOR 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): 1.10 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

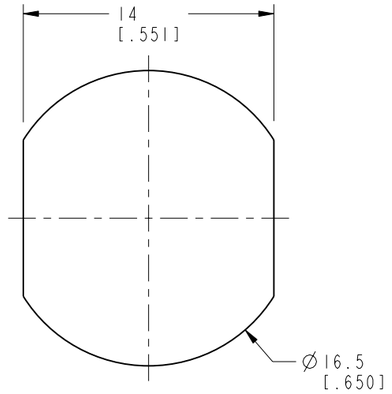
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO 165°C
   C. RECOMMENDED PANEL TORQUE: 30 in-Lbs

4 INDICATES CABLE ENTRY DIMENSIONS

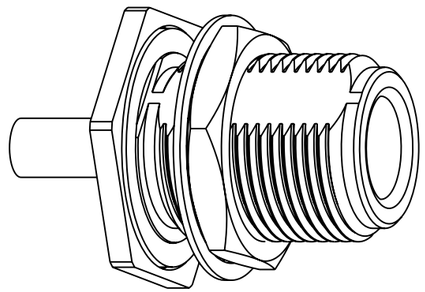
5. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 82-6684 & DATE CODE"

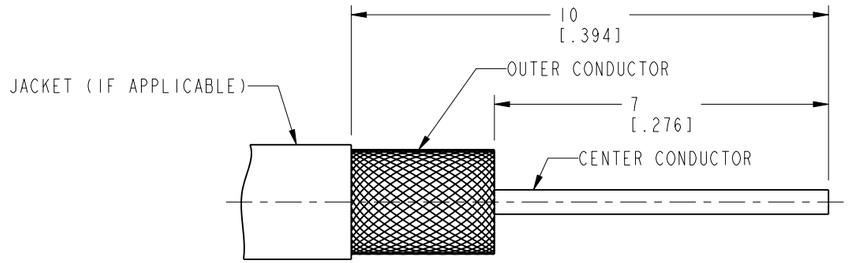
6. ASSEMBLY INSTRUCTIONS:
   A. FOR SEMI-RIGID CABLE, THERMALLY CYCLE ACCORDING TO MANUFACTURERS SPECIFICATIONS.
   B. STRIP CABLE AND INSERT THROUGH SHRINK TUBE.
   C. INSERT INSULATOR BEAD OVER CENTER CONDUCTOR AND SOLDER BULLET CONTACT.
      ALL COMPONENTS SHOULD BE FLUSH. BULLET CONTACT SHOULD BE 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.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MANUFACTURING	12-Jun-20	15260	CJV

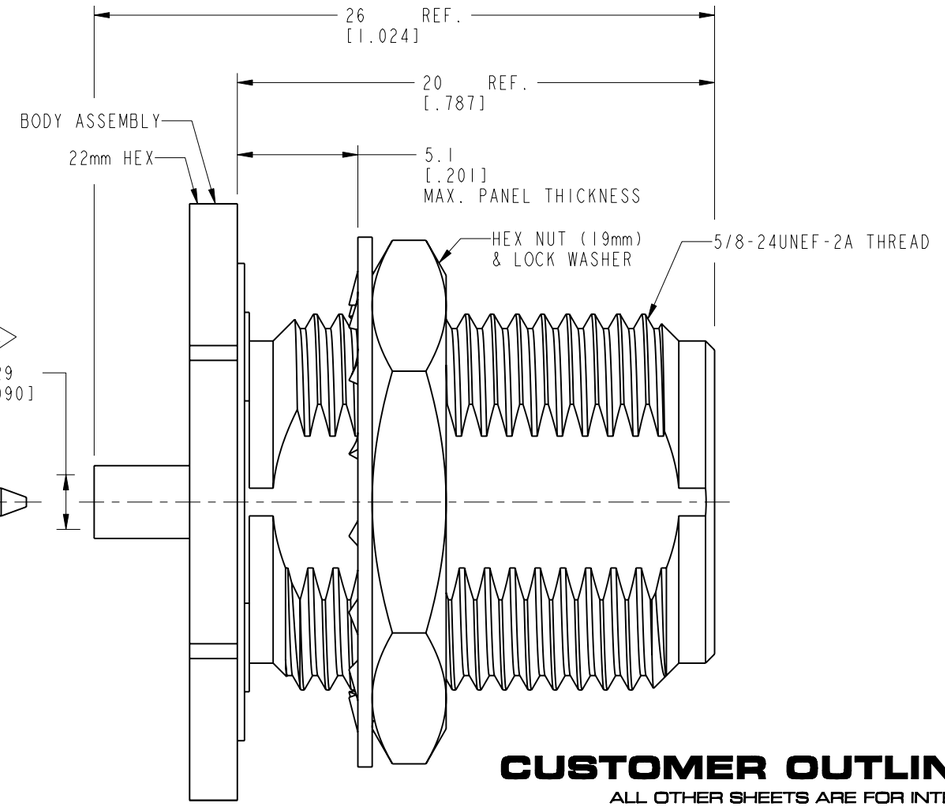


RECOMMENDED MOUNTING HOLE





RECOMMENDED CABLE
STRIPPING DIMENSIONS



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