

NOTES:

1. MATERIALS AND FINISHES:

- BODY - BRASS, NICKEL PLATING
- CONTACT - BERYLLIUM COPPER, GOLD PLATING
- INSULATOR - PTFE, NATURAL
- LOCK WASHER & HEX NUT - BRASS, NICKEL PLATING
- O-RING & GASKET - SILICONE RUBBER, RED

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC-26.5 GHz
- C. VSWR (RETURN LOSS): 1.15 MAX. DC - 12 GHz
1.20 MAX. 12 - 18 GHz
1.30 MAX. 18 - 26.5 GHz
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65°C TO 165°C
- C. SEALING: MEETS IP67 REQUIREMENTS IN UNMATED CONDITION

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 901-10814, AND DATE CODE"
- C. HEX NUT, LOCK WASHER AND GASKET ARE PACKAGED LOOSE

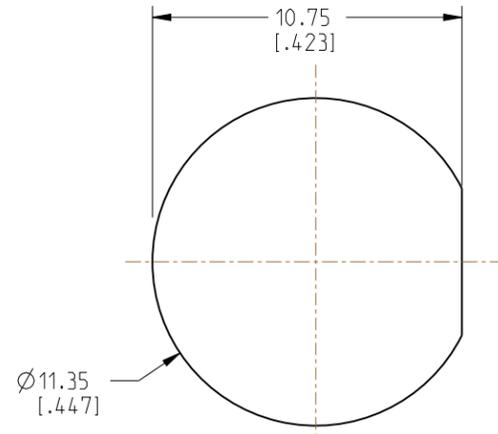
5. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. INSERT CABLE CENTER CONDUCTOR INTO CONNECTOR AND SOLDER BODY TO THE OUTER CONDUCTOR.

6. SHOWS CABLE ENTRY DIMENSIONS.

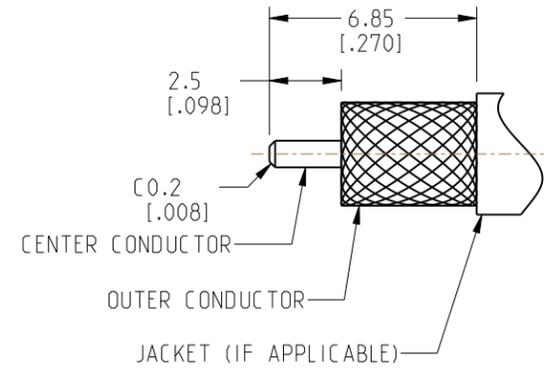
7. MAX. PANEL THICKNESS=3.6 MM

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-NOV-21	16027	SH

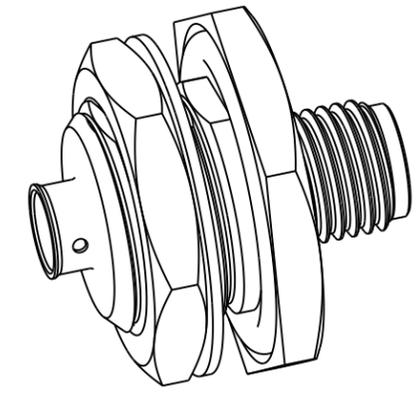


SCALE 4.000

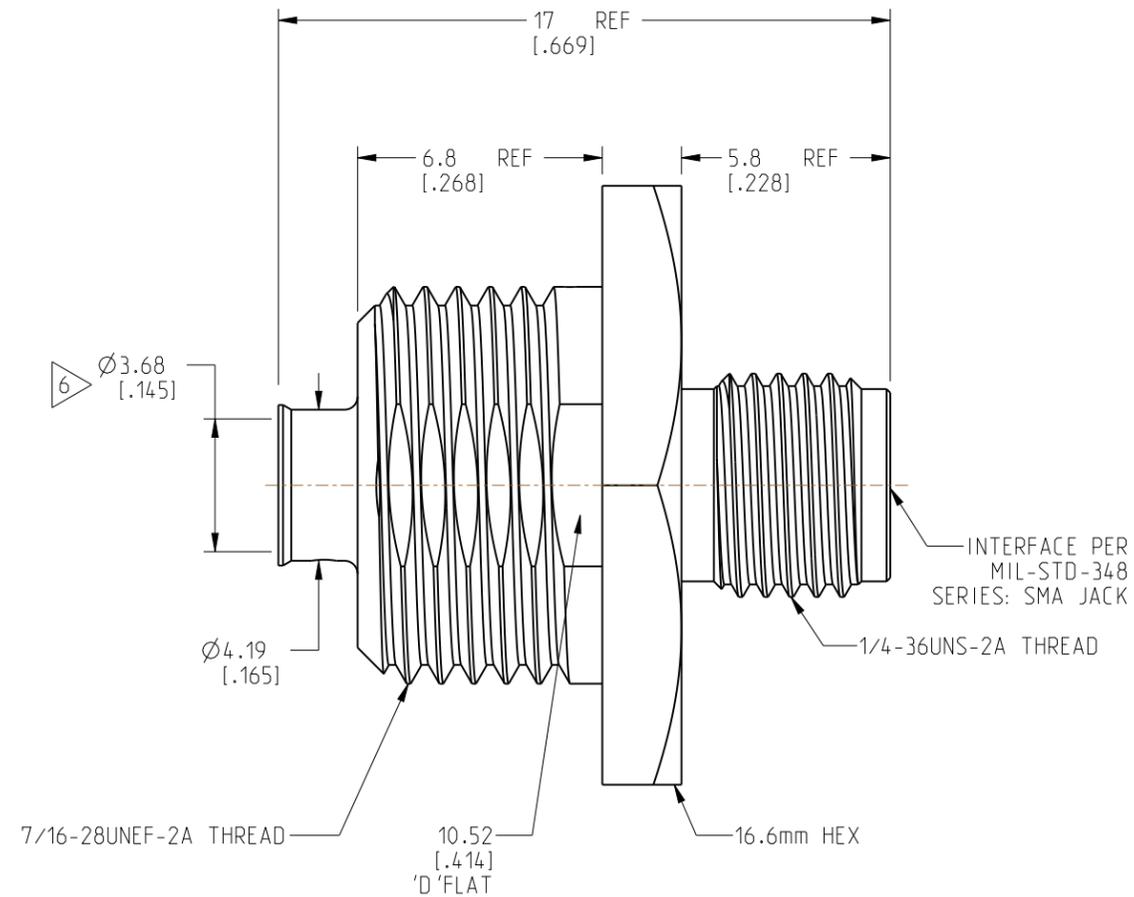
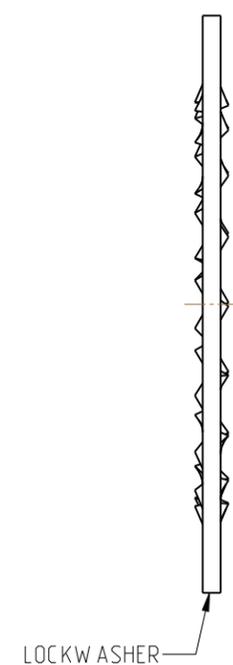
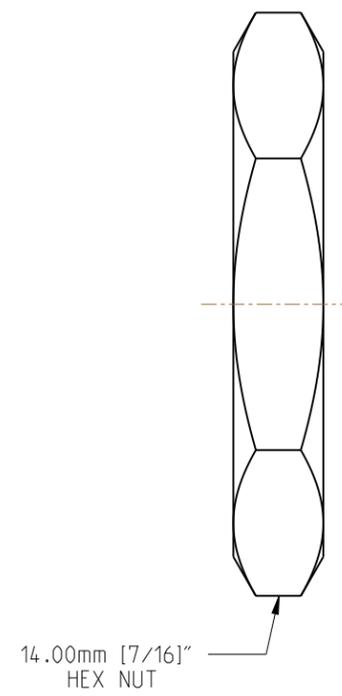
RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 3.000



INTERFACE PER MIL-STD-348 SERIES: SMA JACK

1/4-36UNS-2A THREAD

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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<p>THIRD ANGLE PROJ. </p>		<p>REFERENCE 901-10744</p>		<p>ENGR.1 C.CROTTY</p>		<p>ENGR.2 JACK LIANG</p>		<p>DATE 29-APR-21</p>	
<p>EAR# 10107</p>		<p>ANGLES = ±1°</p>		<p>SHEET NO. 2 OF 2</p>		<p>SCALE: 5.0:1.0</p>		<p>DRAWING NO. 901-10814</p>	
								<p>ITEM NO. 901-10814</p>	
								<p>PART NO. 901-10814</p>	