

NOTES:

1. MATERIALS AND FINISHES:

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

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHMS
- B. FREQUENCY RANGE: DC - 6 GHz
- C. VSWR(RETURN LOSS): 1.30 MAX. @ DC - 6 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 IP-67 REQUIREMENTS IN UNMATED CONDITION

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 901-10816 & DATE CODE"
- C. CONTACT, FERRULE, GASKET, HEX NUT AND LOCK WASHER ARE PACKAGED LOOSE

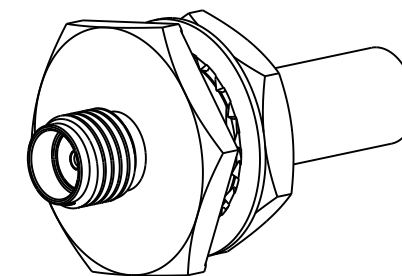
5. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE FERRULE ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- D. INSERT CABLE, UNTIL IT BOTTOMS, WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH .216" HEX.

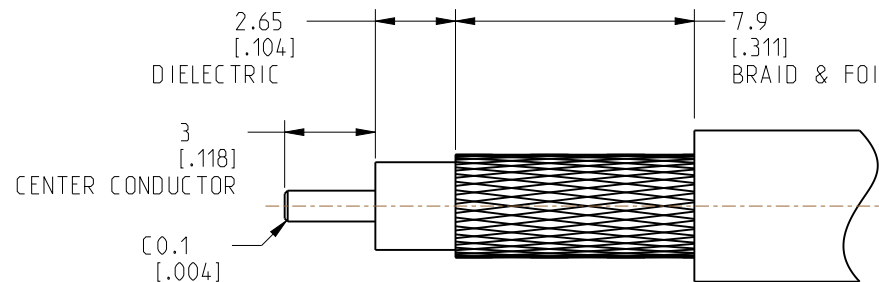
6. CABLE ENTRY DIMENSIONS.

7. MAX. PANEL THICKNESS=4.83 MM

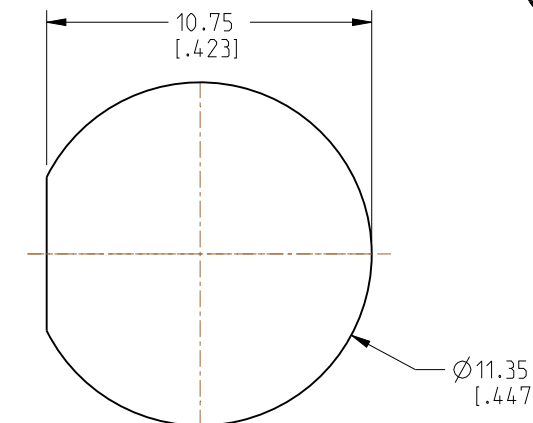
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	23-NOV-21	16027	SH



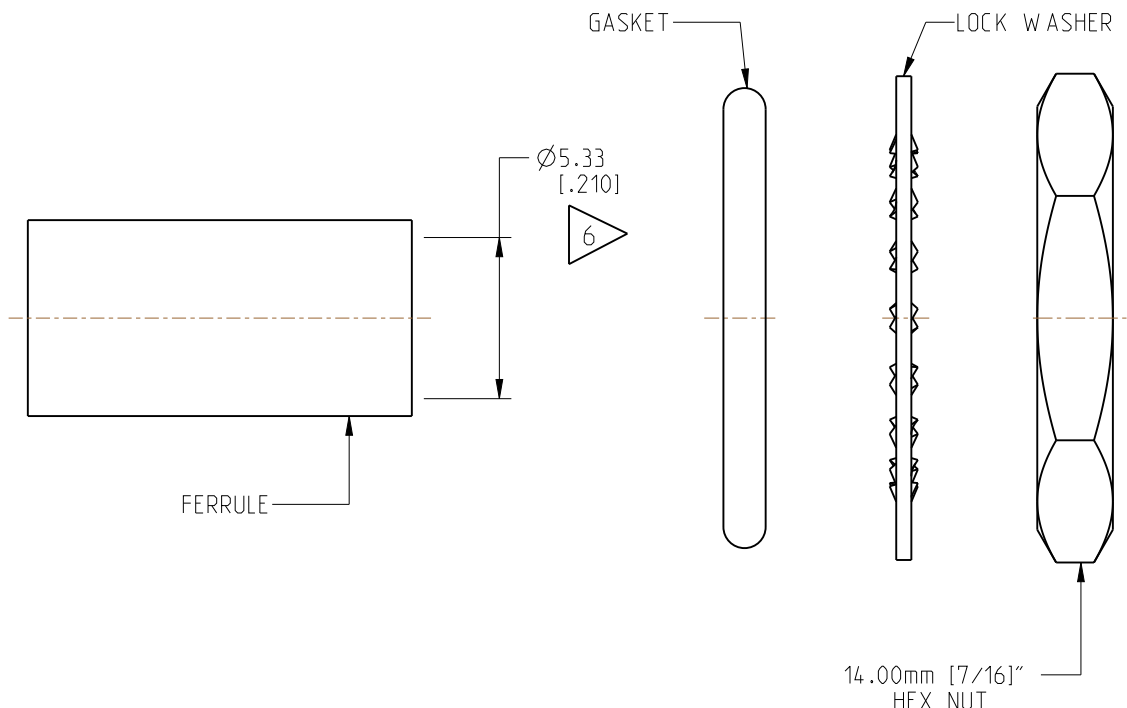
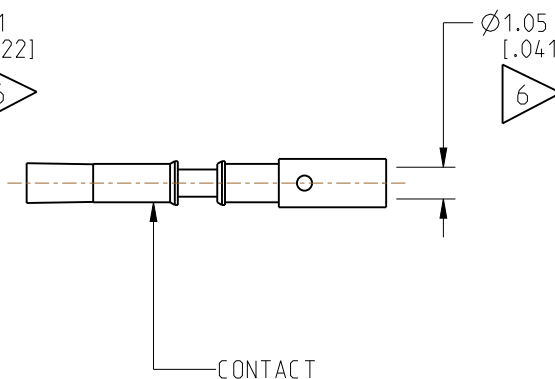
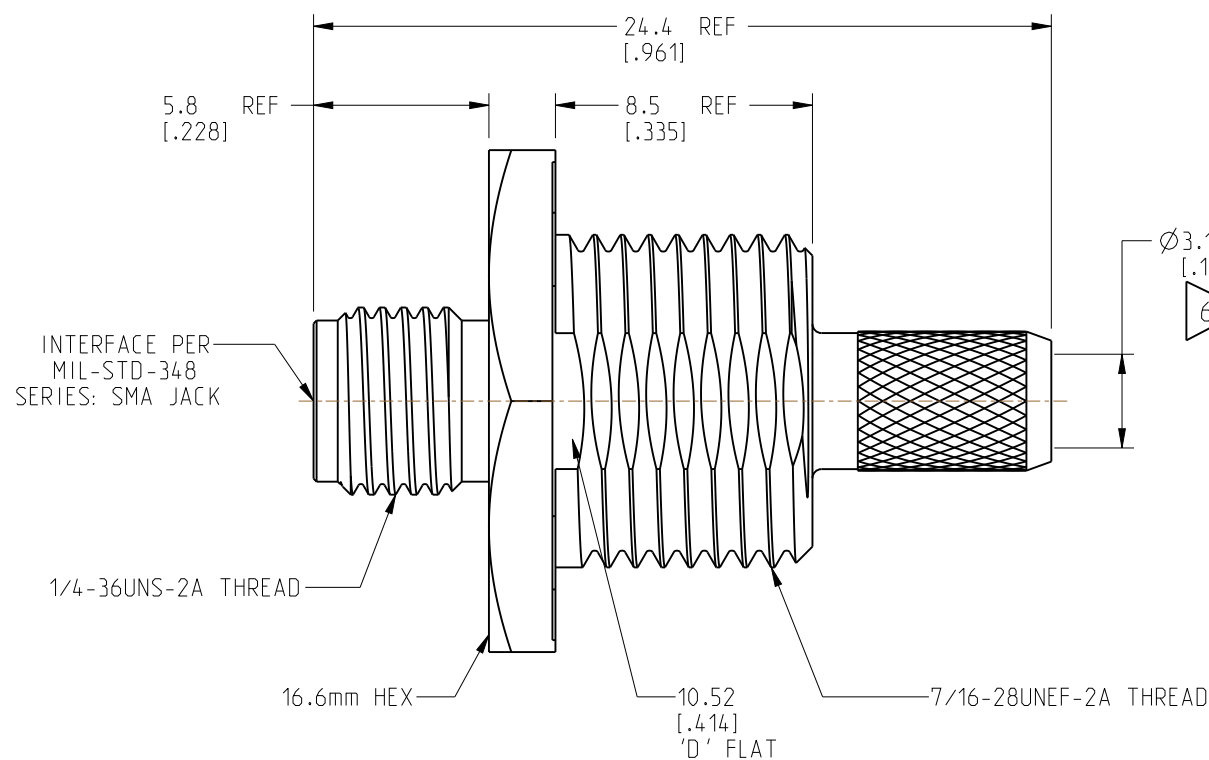
SCALE 2.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



RECOMMENDED MOUNTING HOLE DIMENSIONS



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<p>NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</p>		<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:</p> <table border="0"> <tr> <td>&lt;0.5mm = ±0.05mm</td> <td>[&lt;0.020 = ±0.002]</td> </tr> <tr> <td>0.5 - 6mm = ±0.1mm</td> <td>[0.020 - 0.236 = ±0.004]</td> </tr> <tr> <td>&gt;6.00 - 30mm = ±0.2mm</td> <td>[0.236 - 1.181 = ±0.008]</td> </tr> <tr> <td>&gt;30.00 - 120mm = ±0.3mm</td> <td>[1.181 - 4.725 = ±0.012]</td> </tr> </table>		<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]	<p>MATERIAL</p>		<p>TITLE</p>		<p>Amphenol RF</p>	
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<p>THIRD ANGLE PROJ.</p>		<p>REFERENCE 901-10746</p>		<p>ENGR.1 C.CROTTY</p>		<p>ENGR.2 JACK LIANG</p>		<p>DATE 17-MAY-21</p>									
<p>EAR# 10107</p>		<p>ANGLES = ±1°</p>		<p>SHEET NO. 2 OF 2</p>		<p>SCALE: 2.0:1.0</p>		<p>DRAWING NO. 901-10816</p>									
<p>ITEM NO. 901-10816</p>		<p>PART NO. 901-10816</p>		<p>REV A</p>		<p>REV A</p>		<p>REV A</p>									