

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

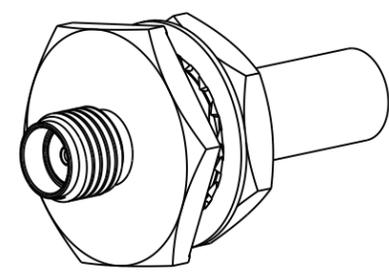
5. CABLE ASSEMBLY INSTRUCTIONS:

- 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.

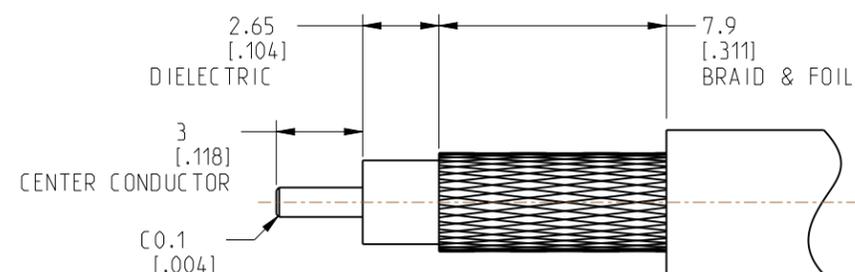
6. CABLE ENTRY DIMENSIONS.

7. MAX. PANEL THICKNESS=4.83 MM

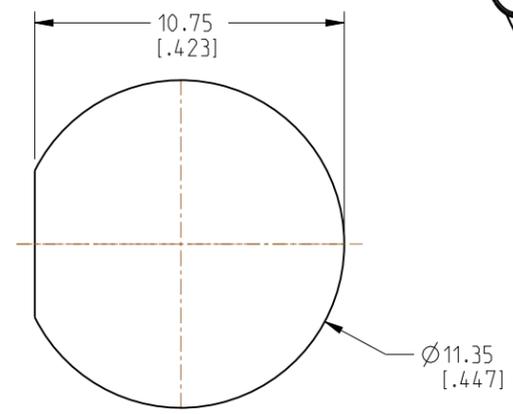
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	23-NOV-21	16027	SH



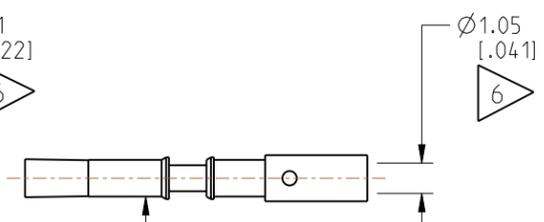
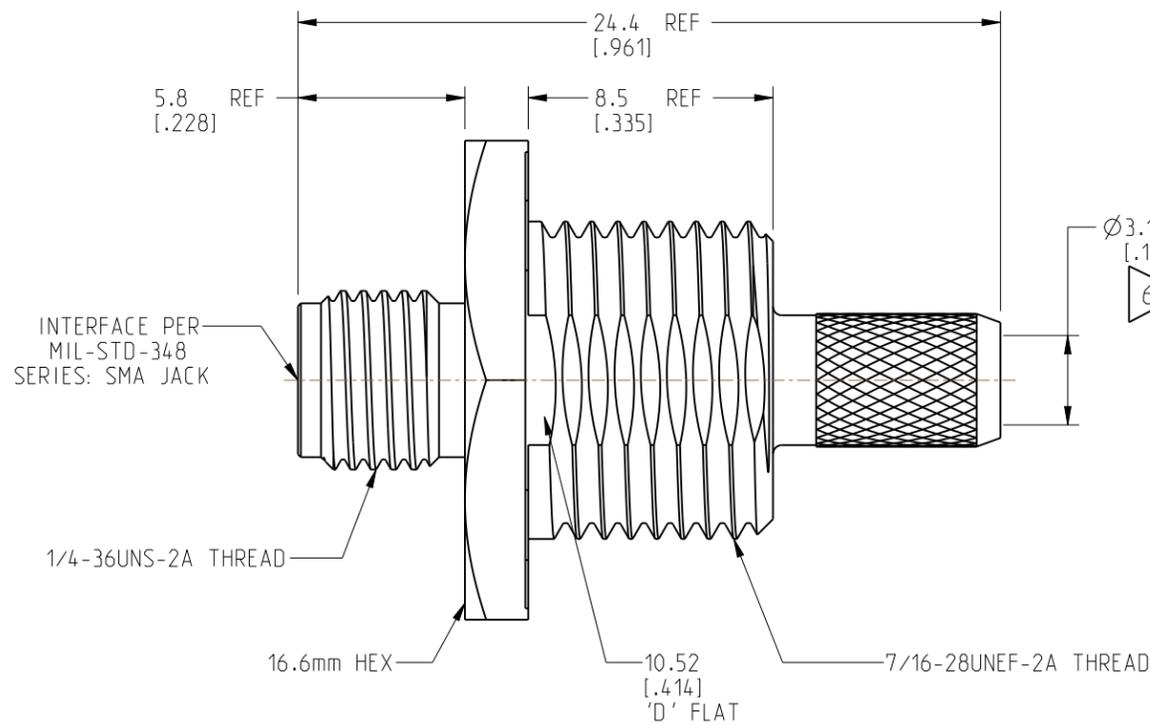
SCALE 2.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



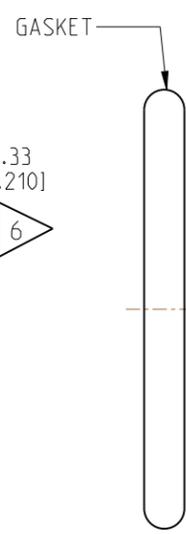
RECOMMENDED MOUNTING HOLE DIMENSIONS



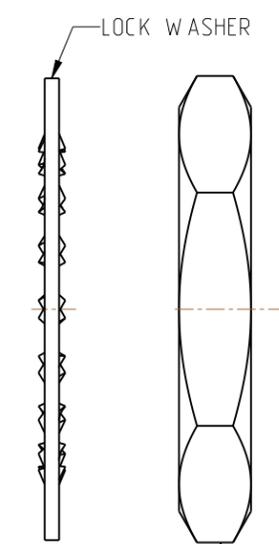
CONTACT



FERRULE



GASKET



14.00mm [7/16]"
HEX NUT

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 [$>1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL
 ENGR.1 C.CROTTY
 ENGR.2 JACK LIANG
 DATE 17-MAY-21

TITLE
 SMA BHD JACK
 FRONT MOUNT IP67
 FOR RG-58 CABLE
 SHEET NO. 2 OF 2
 SCALE: 2.0:1.0

Amphenol RF
 DRAWING NO. 901-10816
 ITEM NO. 901-10816
 PART NO. 901-10816
 REV A