NOTES:

1. MATERIALS AND FINISHES:
   - BODY - BRASS, NICKEL PLATING
   - CONTACT - BeCu, GOLD PLATING
   - BULLET CONTACT - BRASS, GOLD PLATING
   - INSULATOR - PTFE, NATURAL
   - O-RING & GASKET - SILICONE RUBBER, RED
   - FERRULE - BRASS, NICKEL PLATING
   - HEX NUT - BRASS, NICKEL PLATING
   - LOCK WASHER - BRASS, NICKEL PLATING

2. ELECTRICAL:
   - A. IMPEDANCE: 50 OHM
   - B. FREQUENCY RANGE: DC- 6 GHz
   - C. VSWR (RETURN LOSS): 1.15 MAX. @ DC-3 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

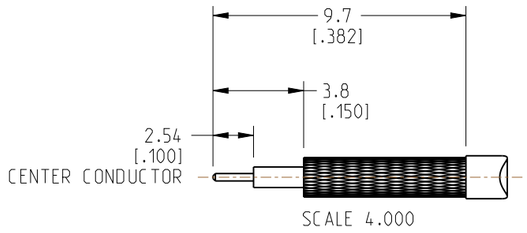
4. PACKAGING:
   - A. QUANTITY: SINGLE PACK
   - B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 901-10813, AND DATE CODE"
   - C. HEX NUT,LOCK WASHER,FERRULE,BULLET CONTACT AND GASKET ARE PACKAGED LOOSE

5. ASSEMBLY INSTRUCTIONS:
   - A. TRIM CABLE AS SHOWN.
   - B. SLIDE FERRULE ONTO CABLE.
   - C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
   - D. INSERT CABLE FULLY INTO CONNECTOR UNTIL IT BOTTOMS.
   - E. CRIMPED FERRULE USING WITH .128" HEX.

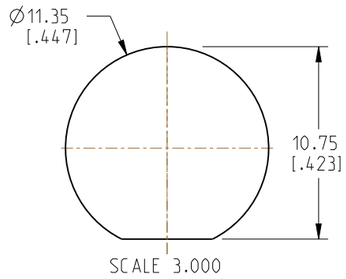
6. SHOWS CABLE ENTRY DIMENSIONS

7. MAX. PANEL THICKNESS=7.35 MM

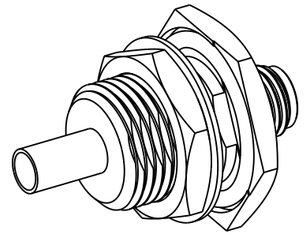
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	25-NOV-21	16027	SH

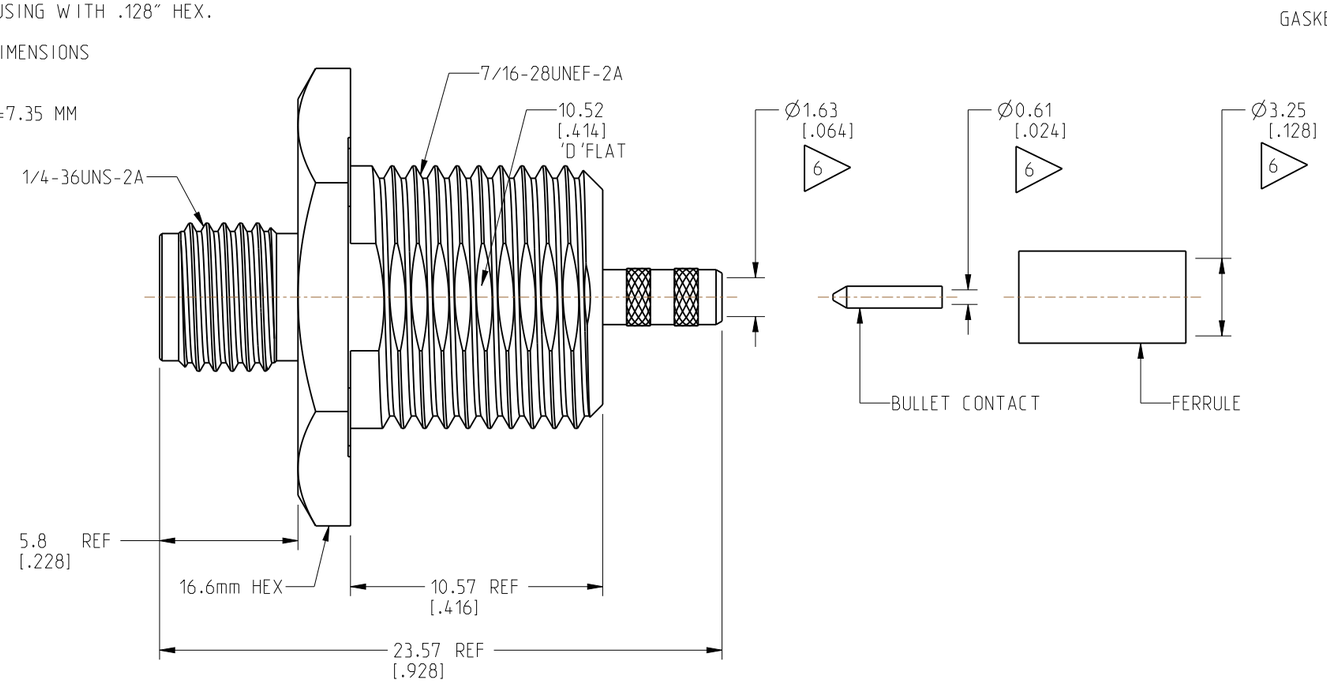


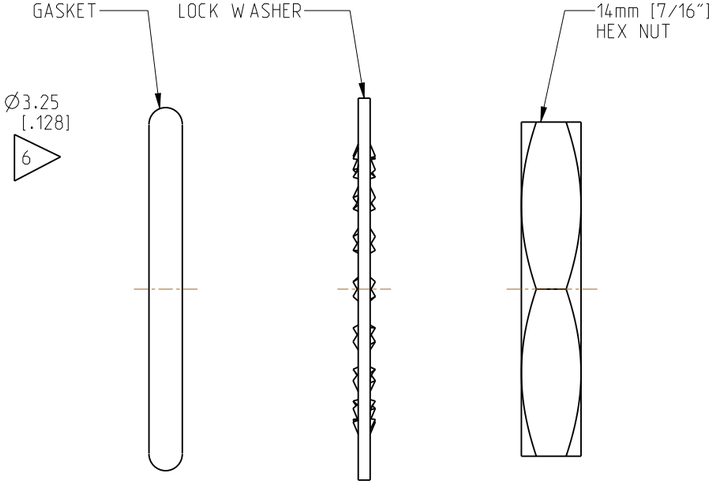
RECOMMENDED CABLE STRIPPING DIMENSIONS



RECOMMENDED MOUNTING HOLE DIMENSIONS







CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
901-10743	10107

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

ENGR.1	ENGR.2	DATE
C.CROTTY	JACK LIANG	03-JUN-21

TITLE: SMA BHD JACK FRONT MOUNT IP67 FOR RG-316DB CABLE

SHEET NO. 2 OF 2 | SCALE: 2.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10813	A
	ITEM NO. 901-10813	
	PART NO. 901-10813	