

NOTES:

1. MATERIALS AND FINISHES:

BODY, FERRULE, HEX NUT & LOCK WASHER - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 CONTACT PIN - BRASS, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 GASKET & O-RING - SILICONE RUBBER, RED
 ADHESIVE LINED HEAT SHRINK TUBE - POLYOLEFIN, BLACK

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.25 MAX. @ DC - 3 GHz
 1.45 MAX. @ 3 - 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. SEALING: CONNECTOR MEETS IP 67 REQUIREMENTS IN UNMATED CONDITION.

4. PACKAGING:

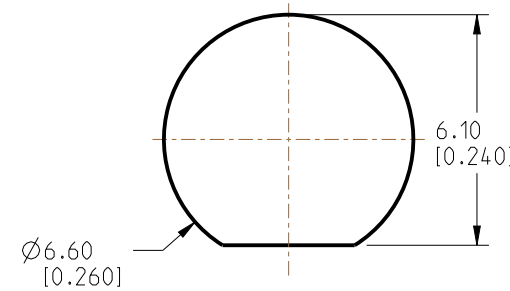
A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 901-10956 AND DATE CODE"
 C. FERRULE, HEX NUT, LOCK WASHER, GASKET CONTACT PIN AND
 ADHESIVE LINED HEAT SHRINK TUBE ARE PACKAGED LOOSE

5. CABLE ASSEMBLY INSTRUCTIONS:

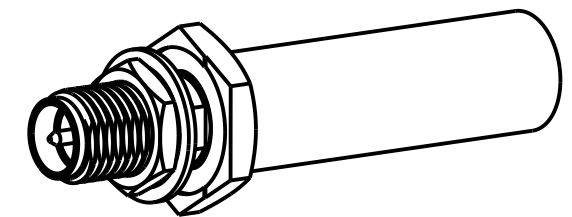
A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBE & FERRULE ONTO CABLE.
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT PIN.
 D. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS,
 WITH BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH .178" HEX.
 F. APPLY HEAT SHRINK TUBING OVER FERRULE.
 G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP
 ON BODY AND END WITHIN AREA "A"

6. SHOWS CABLE ENTRY DIMENSIONS.

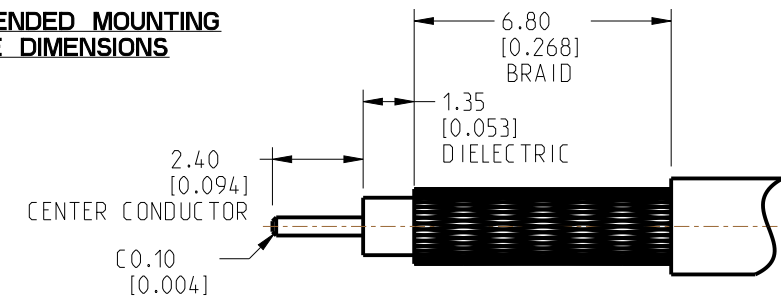
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	10-APR-26	17845	LEO



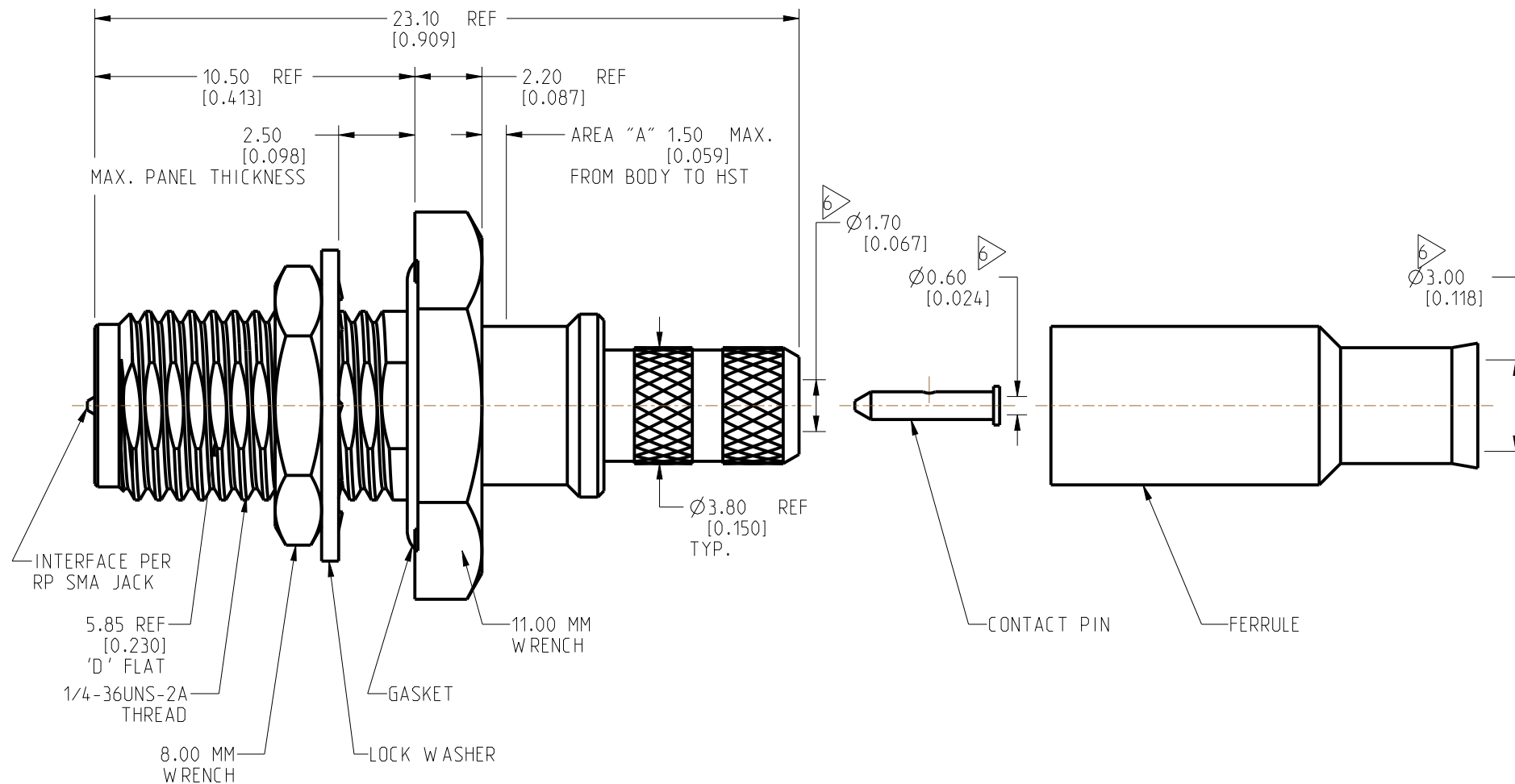
RECOMMENDED MOUNTING HOLE DIMENSIONS



SCALE 2.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



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 = ±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]

MATERIAL: SEE NOTES
 ENGR.1: PONNARASAN ENGR.2: JACK LIANG DATE: 10-DEC-25

TITLE: RP SMA STR BHD JACK IP67 FOR RG 174 & RG 316 CABLE
 SHEET NO. 2 OF 2 SCALE: 5.0:1.0

Amphenol RF		SIZE	DRAWING NO. 901-10956	REV A
			ITEM NO. 901-10956	
			PART NO. 901-10956	

THIRD ANGLE PROJ. REFERENCE EAR# 13263

ANGLES = ±1°

ENGR.1: PONNARASAN ENGR.2: JACK LIANG DATE: 10-DEC-25

SHEET NO. 2 OF 2 SCALE: 5.0:1.0

REV **A**