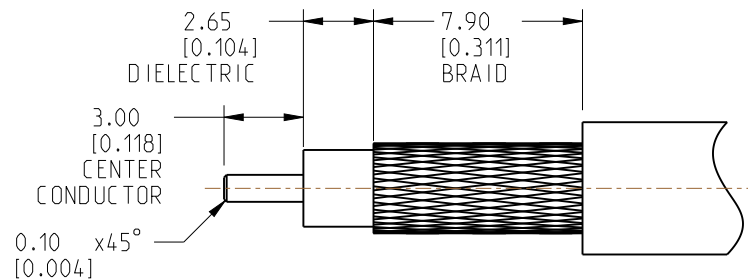


NOTES:

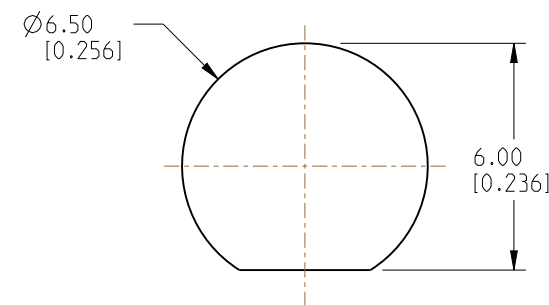
- MATERIALS AND FINISHES:**  
 BODY - BRASS, TIN-NICKEL ALLOY PLATING  
 HEX NUT & LOCKWASHER - STAINLESS STEEL, TIN-NICKEL ALLOY PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 FERRULE - COPPER, TIN-NICKEL ALLOY PLATING  
 GASKET & O-RING - SILICONE RUBBER, RED
- ELECTRICAL:**  
 A. IMPEDANCE: 50 OHMS  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. VSWR: 1.30 MAX.  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- MECHANICAL:**  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C  
 C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION.  
 D. SALT SPRAY PER MIL-STD-202, METHOD 101, WITH FOLLOWING PARAMETERS:  
 1) TEST CONDITION B  
 2) 5% SALT SOLUTION  
 3) CYCLE REPEATED TO 720 HOURS
- PACKAGING:**  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 901-10746-EE AND DATE CODE"

- CABLE ASSEMBLY INSTRUCTIONS:**  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
 D. INSERT CABLE WITH DIELECTRIC ENTERING CONNECTOR AND BRAID OVER KNURL.  
 E. CRIMP FERRULE OVER BRAID WITH 0.216" HEX.

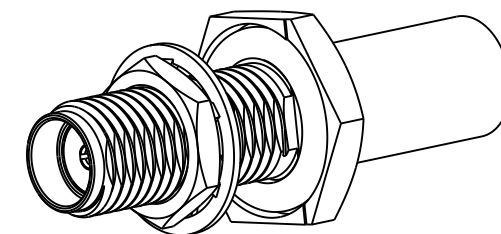
6 SHOWS CABLE ENTRY DIMENSIONS.



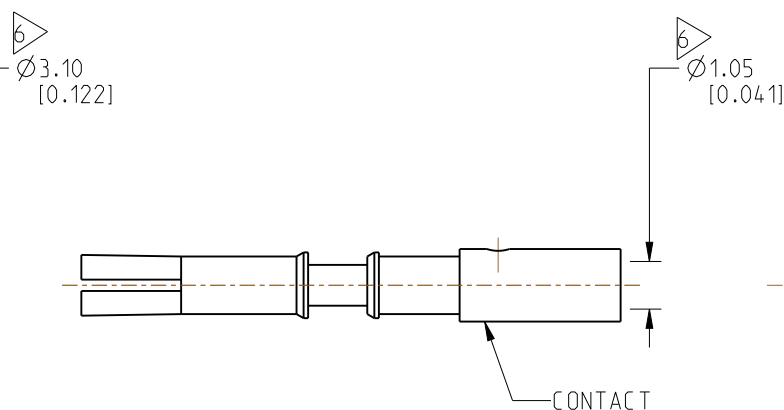
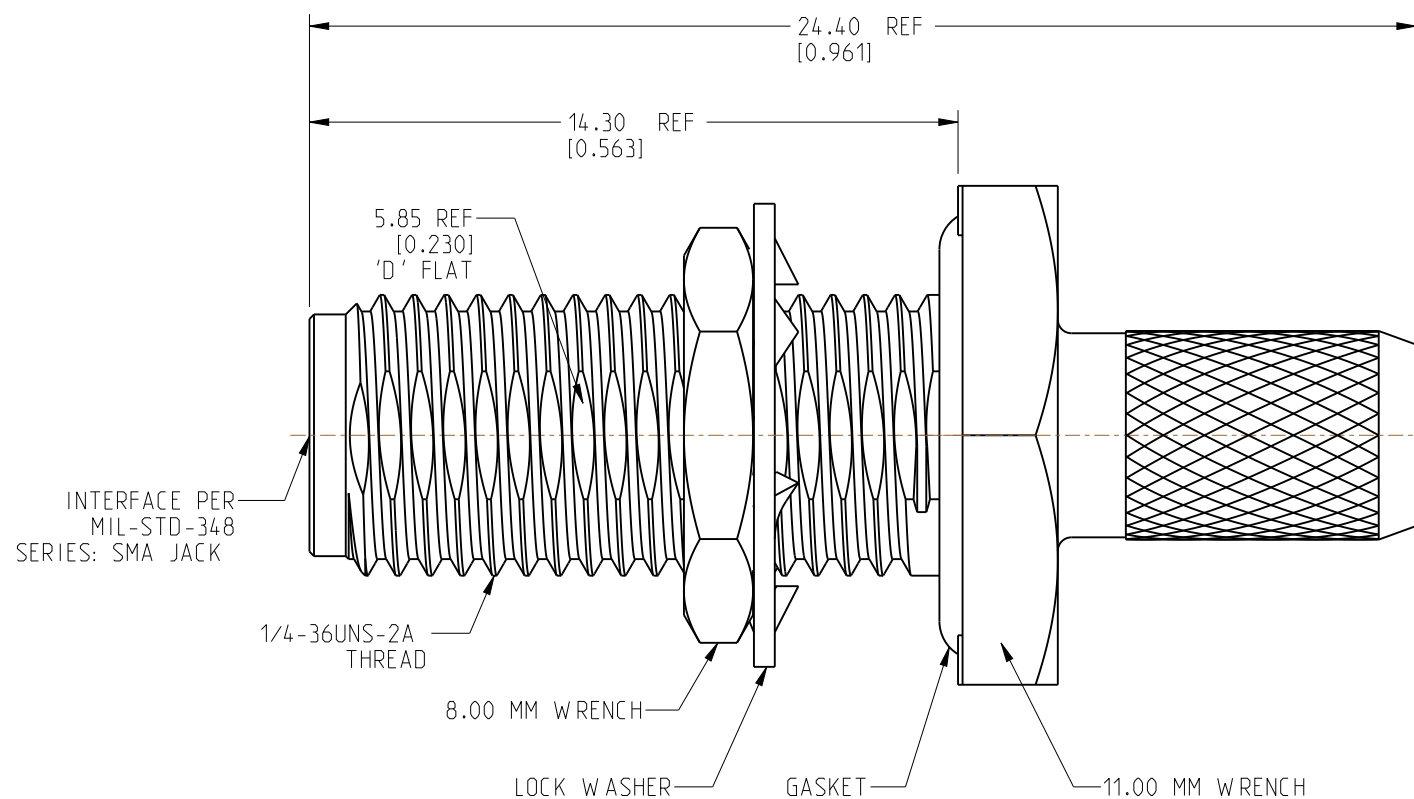
**RECOMMENDED CABLE STRIPPING DIMENSIONS**



**RECOMMENDED MOUNTING HOLE DIMENSIONS**



SCALE 2.500



**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: KARTHIK  
 ENGR.2: [blank]  
 DATE: 24-JUN-22

TITLE: SMA STR BHD JACK  
 IP 67 FOR RG 58 CABLE  
 EXTREME EXPOSURE  
 SHEET NO. 2 OF 2  
 SCALE: 6.0:1.0

**Amphenol RF**  
 DRAWING NO. 901-10746-EE  
 ITEM NO. 901-10746-EE  
 PART NO. 901-10746-EE  
 REV: A

THIRD ANGLE PROJ. [Symbol]

REFERENCE: 901-10746  
 EAR#: 11372

ANGLES = ±1°