

NOTES:

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

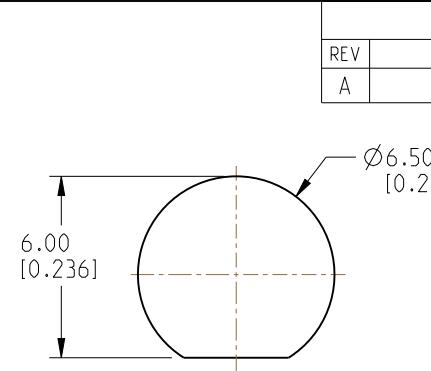
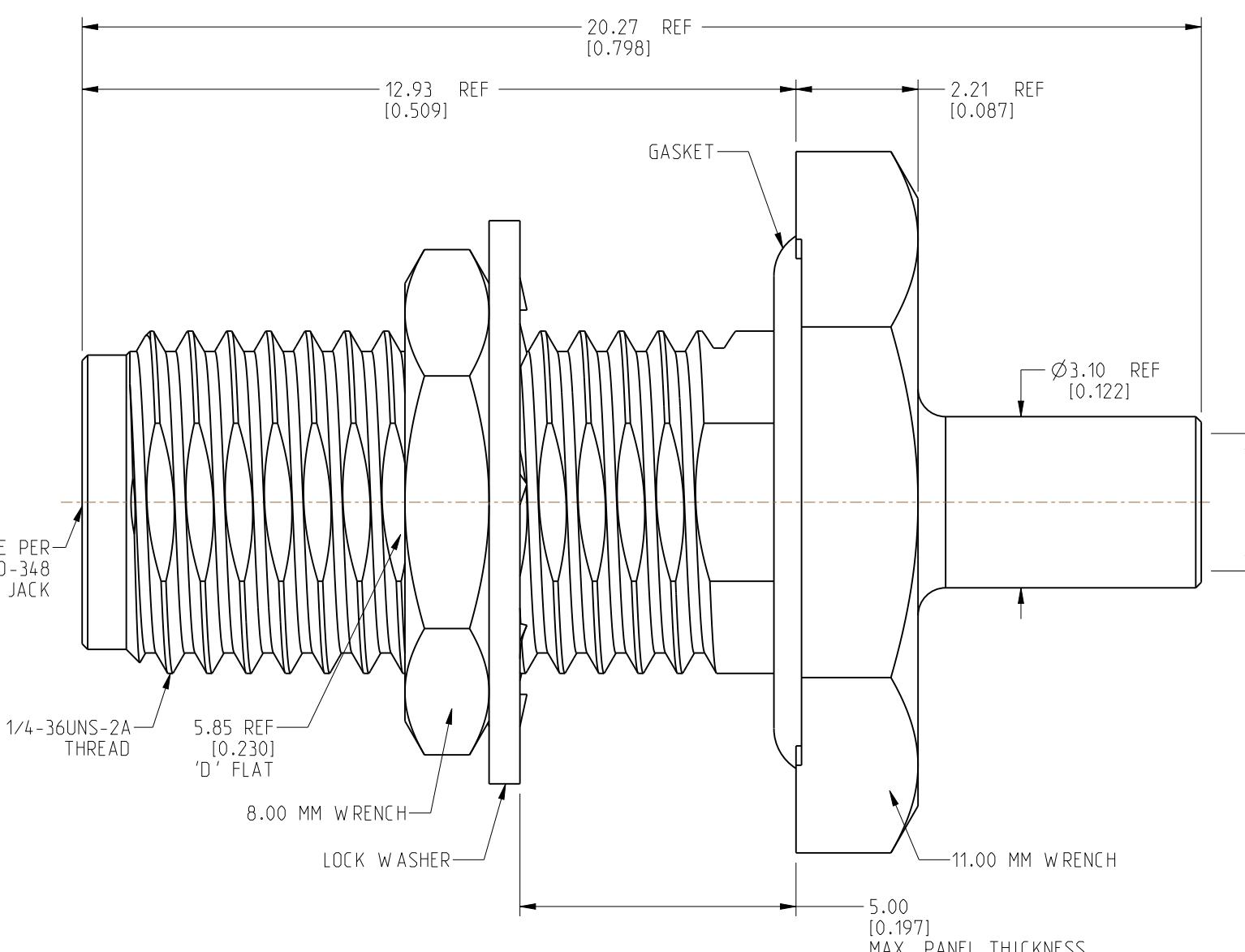
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY: DC - 6 GHz
C. VSWR: 1.30 MAX. DC - 3 GHz
1.40 MAX. 3 - 6 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

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, 901-10793 & DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK,
OVER INNER FERRULE.
C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE,
BOTTOMING ON INNER FERRULE.
D. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR,
BOTTOMING ON INSULATOR DISC.
E. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS.
F. CRIMP BODY OVER INNER FERRULE USING 0.105" HEX.

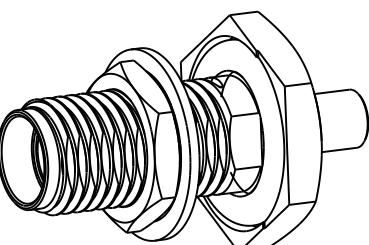
6> SHOWS CABLE ENTRY DIMENSIONS.



**RECOMMENDED MOUNTING
HOLE DIMENSIONS**



**RECOMMENDED CABLE
STRIPPING DIMENSIONS (TRIM 1)**



SCALE 2.500

**RECOMMENDED CABLE
STRIPPING DIMENSIONS (TRIM 2)**

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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.

THIRD ANGLE PROJ. REFERENCE EAR# 10155

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
SEE NOTES

TITLE
SMA STR BHD JACK IP 67
FOR 0.81 MM CABLE

ENGR.1
MADHAN G

ENGR.2
JACK LIANG

DATE
22-MAR-21

SHEET NO. 2 OF 2

SCALE: 9.0:1.0

Amphenol RF

DRAWING NO. 901-10793

ITEM NO. 901-10793

PART NO. 901-10793

REV

A