

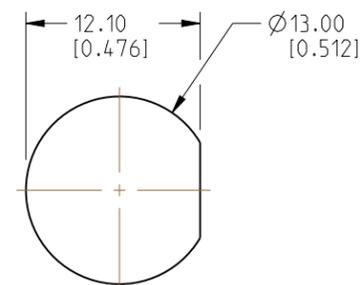
NOTES:

1. MATERIALS AND FINISHES:  
 BODY, INNER FERRULE, HEX NUT,  
 SLEEVE & LOCK WASHER - BRASS, NICKEL PLATING  
 CONTACT - BeCu, GOLD PLATING  
 BULLET CONTACT - BRASS, GOLD PLATING  
 INSULATOR & INSULATOR DISC - PTFE, NATURAL  
 O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 9 GHz  
 C. VSWR: 1.30 MAX. DC - 3 GHz  
 1.40 MAX. 3 - 9 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 31-6993 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).  
 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.

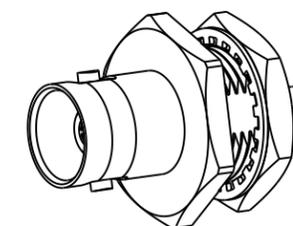
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-JUN-24	17059	SH



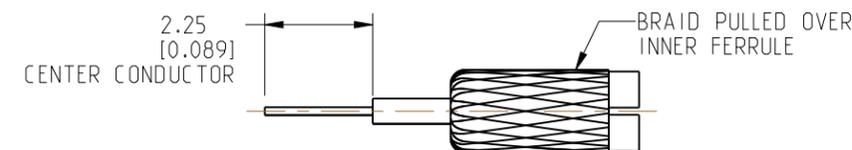
RECOMMENDED MOUNTING HOLE DIMENSIONS



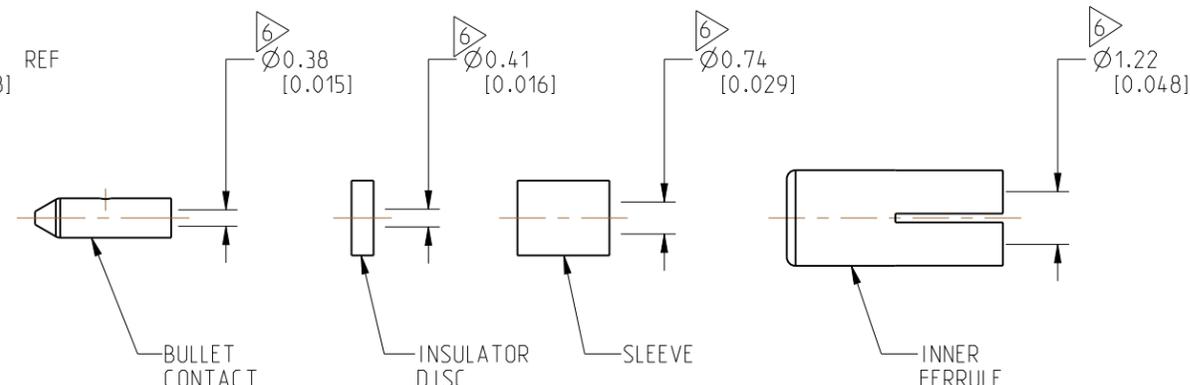
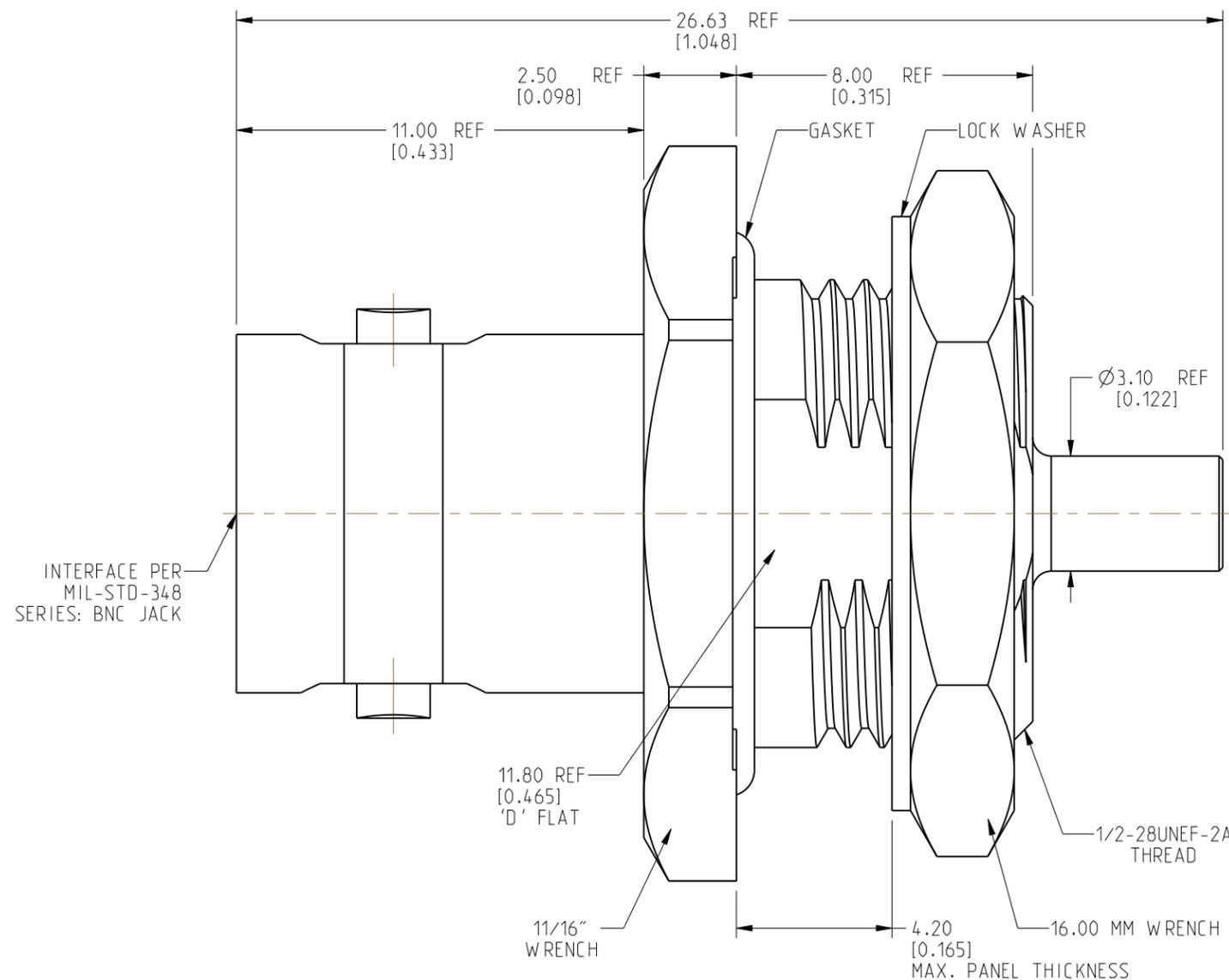
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



**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

TITLE  
 BNC STR BHD JACK  
 FRONT MOUNT FOR  
 1.13 MM CABLE

DRAWING NO. 31-6993		REV A
SIZE B	PART NO. 31-6993	

THIRD ANGLE PROJ.	REFERENCE	EAR# 10452
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ENGR.1 CLEMENT	ENGR.2 M.ZHANG	DATE 16-FEB-21
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SHEET NO. 2 OF 2	SCALE: 6.0:1.0
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