

3. MECHANICAL:

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

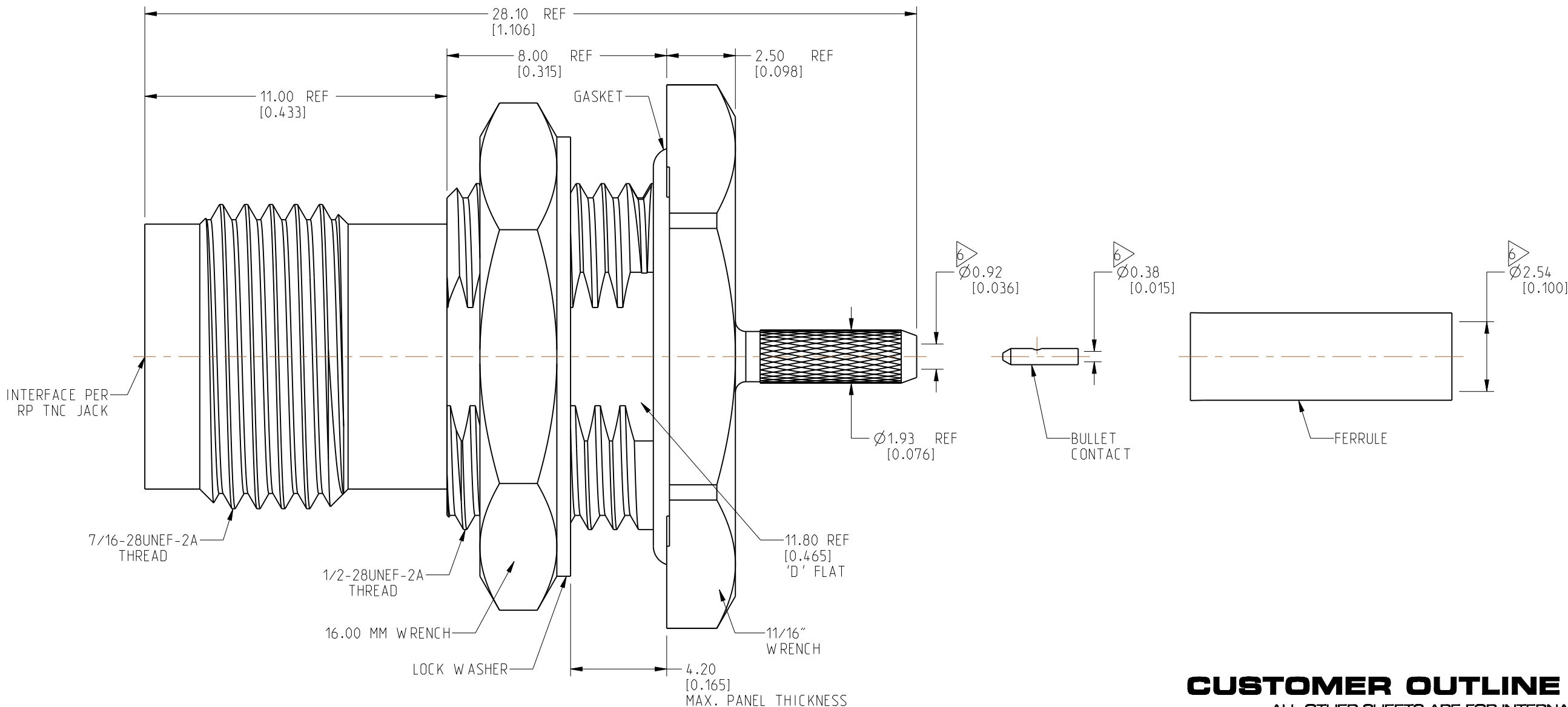
5. CABLE ASSEMBLY INSTRUCTIONS:
 - A. TRIM CABLE AS SHOWN.
 - B. SLIDE FERRULE ONTO CABLE.
 - C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
 - D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 - E. CRIMP FERRULE OVER BRAID WITH 0.105" HEX.

A cross-sectional diagram of a cable with the following dimensions and labels:

- 7.20 [0.283] BRAID**: Dimension for the braided shield layer.
- 1.10 [0.043] DIELECTRIC**: Dimension for the dielectric layer.
- 1.70 [0.067]**: Dimension for the center conductor.
- CENTER CONDUCTOR**: Label for the central conductor.
- 0.10 x45° [0.004]**: Dimension for the chamfered end of the center conductor.

RECOMMENDED CABLE

SCALE 1.500



CUSTOMER OUTLINE DRAWING

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

>0.5mm = ± 0.05 mm	[<0.020 = ± 0.002]
>0.5 - 6mm = ± 0.1 mm	[>0.020 - 0.236 = ± 0.004]
>6.00 - 30mm = ± 0.2 mm	[>0.236 - 1.181 = ± 0.008]
>30.00 - 120mm = ± 0.3 mm	[>1.181 - 4.725 = ± 0.012]

MATERIAL	
SEE NOTES	

TITLE

RP TNC STR BHD JACK IP 67
FOR RG 178 CABLE

Amphenol RF

SIZE B	DRAWING NO.	31-7007
	ITEM NO.	31-7007
	PART NO.	31-7007

REV

THIRD ANGLE PROJ. 

REFERENCE

EAR#	10559
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ANGLES = $\pm 1^\circ$

ENGR.1
SASI

ENGR.2
M.ZHANG

DATE
21-SEP-23

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

5

4

3

2

1