NOTES:

1. MATERIALS AND FINISHES:
   BODY, SHELL, RETAINING RING,
   CLAMP NUT, WASHER, BRAID CLAMP,
   CONTACT & BUSHING - BRASS, SILVER PLATING
   RETAINING RING - PHOSPHOR BRONZE, NATURAL
   GASKET - SILICONE RUBBER, RED
   INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 11 GHz
   C. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

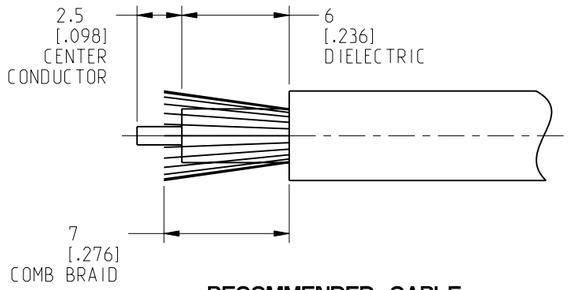
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

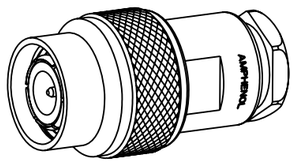
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 31-7031 AND DATE CODE"
   C. CONTACT, BRAID CLAMP, GASKET, WASHER AND CLAMP NUT ARE PACKAGED LOOSE

5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE CLAMP NUT, WASHER, GASKET & BRAID CLAMP OVER CABLE SHEATH.
   C. COMB OUT THE BRAID AND FOLD OUT, TRIM EXCESS BRAID.
   D. SOLDER CABLE CENTER CONDUCTOR TO CENTER CONTACT.
   E. SLIDE SUB-ASSEMBLY TO THE REAR SIDE OF THE BODY AND TIGHTEN WITH PROPER SPANNER. MAKE ENSURE INTERFACE DIMENSIONS TO MEET.

6 SHOWS CABLE ENTRY DIMENSIONS.

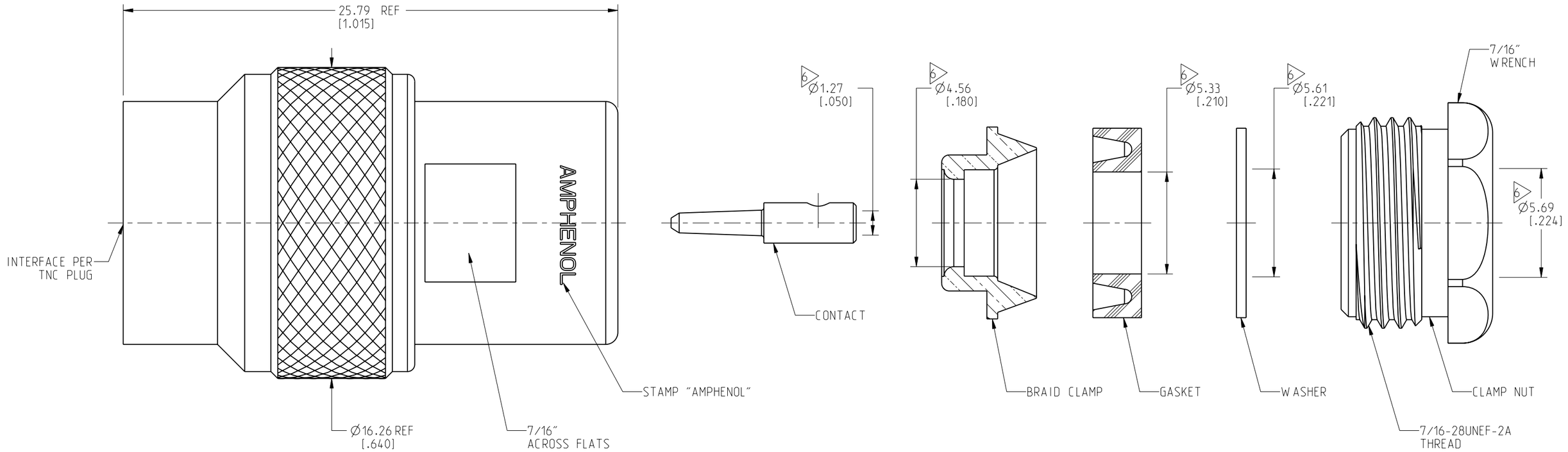
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	11-JUL-22	16275	SH





SCALE 1.500

RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
77175	11303

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]

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1	ENGR.2	DATE
THAMBI RAJ	JACK LIANG	05-MAY-22

TITLE: TNC STR PLUG FOR RG 58/U CABLE CLAMP TYPE

SHEET NO. 2 OF 2 | SCALE: 5.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	31-7031	A
	ITEM NO. 31-7031	
	PART NO. 31-7031	