

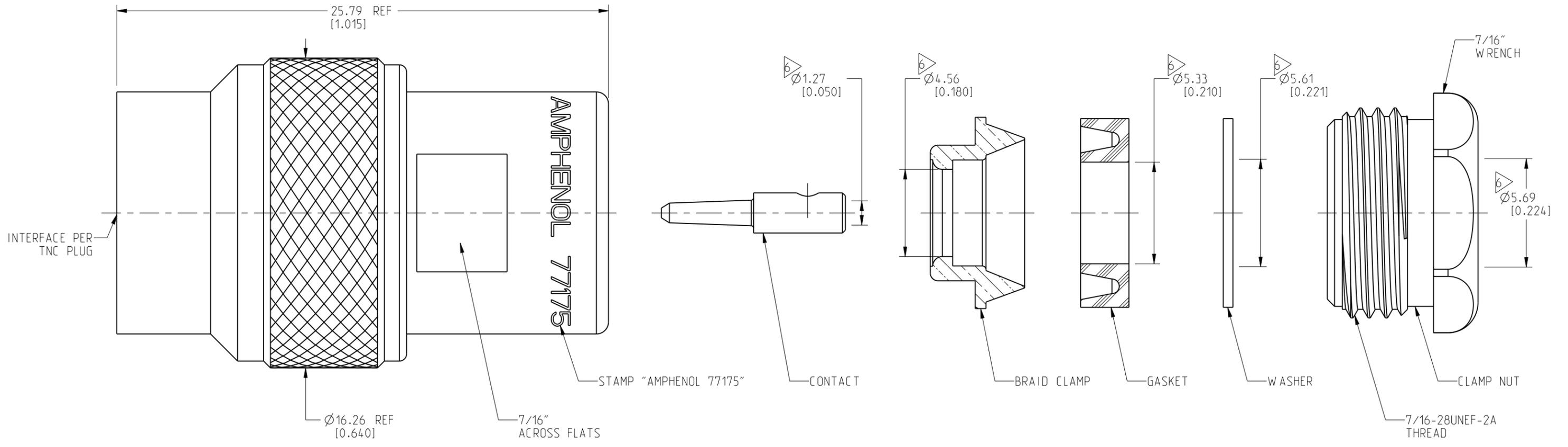
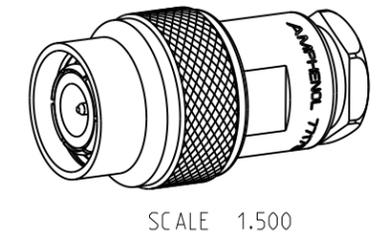
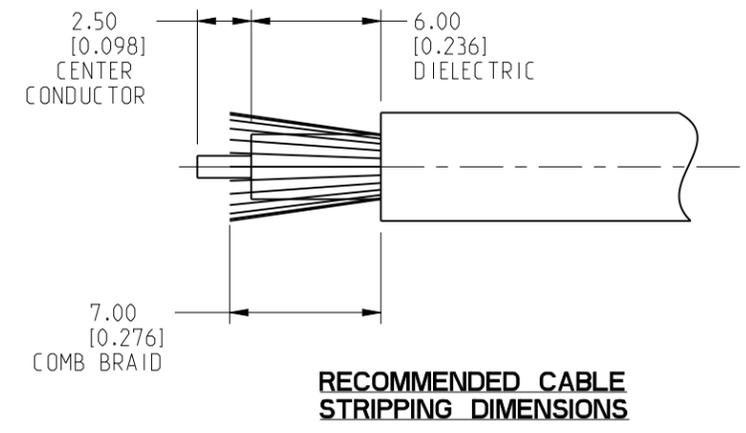
NOTES:

- 1. MATERIALS AND FINISHES:  
 BODY, COUPLING NUT, WASHER, BRAID CLAMP,  
 CLAMP NUT & BUSHING - BRASS, NICKEL PLATING  
 OUTER CONTACT - BeCu, NICKEL PLATING  
 CONTACT - BRASS, SILVER PLATING  
 RETAINING RING - PHOSPHOR BRONZE, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 GASKET - SILICONE RUBBER  
 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 CONNECTOR IN ANTI-STATIC BAG.  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 77175 YYWW, 5A 500V"
- 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.                                  | 27-Feb-63 | 2855 | -- |
| w         | SYNCH ARFA & DANBURY DRAWING AND COD SHEET ADDED | --        | --   | SH |



# PRELIMINARY ISSUE

# 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. |           | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:<br><0.5mm = ±0.05mm [-0.020 = ±0.002]<br>0.5 - 6mm = ±0.1mm [-0.020 - 0.236 = ±0.004]<br>>6.00 - 30mm = ±0.2mm [-0.236 - 1.181 = ±0.008]<br>>30.00 - 120mm = ±0.3mm [-1.181 - 4.725 = ±0.012] |              | MATERIAL<br>SEE NOTES |                   | TITLE<br>TNC STR PLUG FOR RG 58/U CABLE CLAMP TYPE |                   | Amphenol RF      |                |
| THIRD ANGLE PROJ.  | REFERENCE | EAR#  | ANGLES = ±1° |                       | ENGR.1<br>D.ROYCE | ENGR.2<br>M.ZHANG                                  | DATE<br>25-Mar-22 | SHEET NO. 2 OF 2 | SCALE: 5.0:1.0 |
| DRAWING NO. 77175  |           | ITEM NO. 77175  |              | PART NO. 77175        |                   | REV<br>W   |                   |                  |                |