

NOTES:

1. MATERIALS AND FINISHES:
 BODY, BODY REAR, NUT - BRASS, NICKEL PLATING
 FERRULE - COPPER ALLOY, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. RETURN LOSS : -25 dB MAX TO 3 GHz
 -20 dB MAX TO 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE : 500 VRMS

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

4. ENVIRONMENTAL:
 A. THERMAL SHOCK PER MIL-STD-202 METHOD 107
 TEST CONDITION B (EXCEPT HIGH TEMP @200°C)
 B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B
 C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B
 D. CORROSION: MIL-STD-202 METHOD 101
 TEST CONDITION B 5% SALT SOLUTION

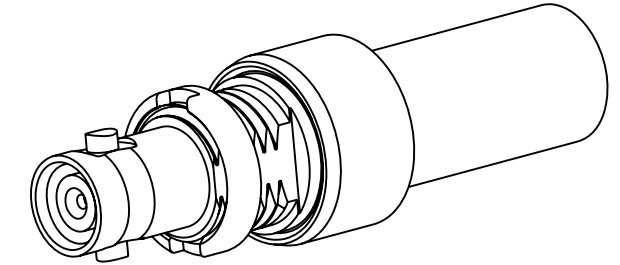
5. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 34-5080, DATE CODE
 U.S. PATENT NO. 7,553,177"

6. AMPHENOL SPANNER WRENCH 227-1490 REQUIRED TO
 MOUNT CONNECTOR TO PANEL.

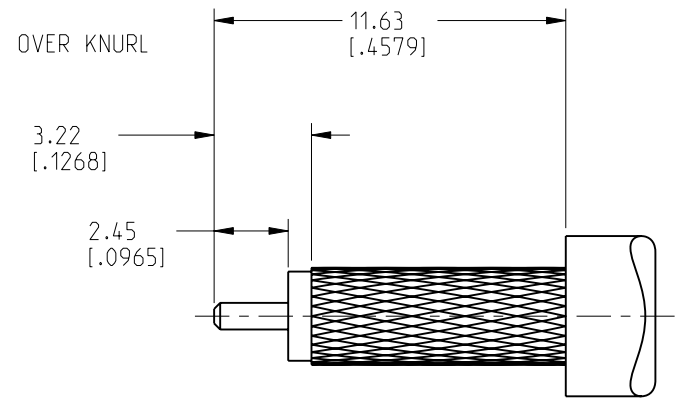
7. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE FERRULE ONTO CABLE
 C. SOLDER CENTER CONTACT TO CABLE CENTER CONDUCTOR.
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL
 E. CRIMP FERRULE WITH .213" HEX.

8 SHOWS CABLE ENTRY DIMENSIONS.

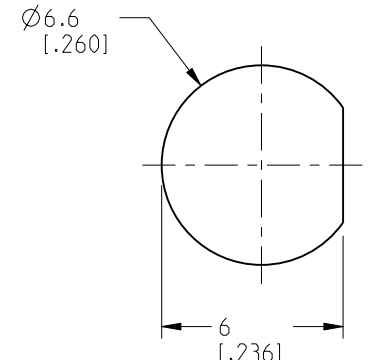
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG	17-MAR-22	16155	SH



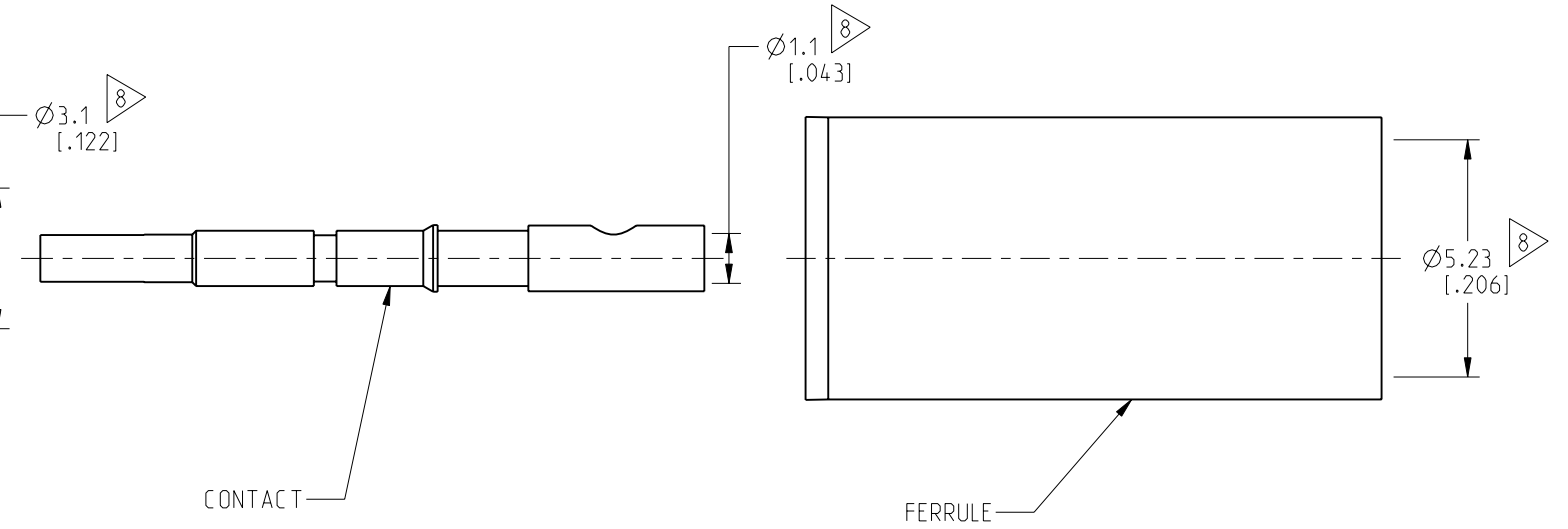
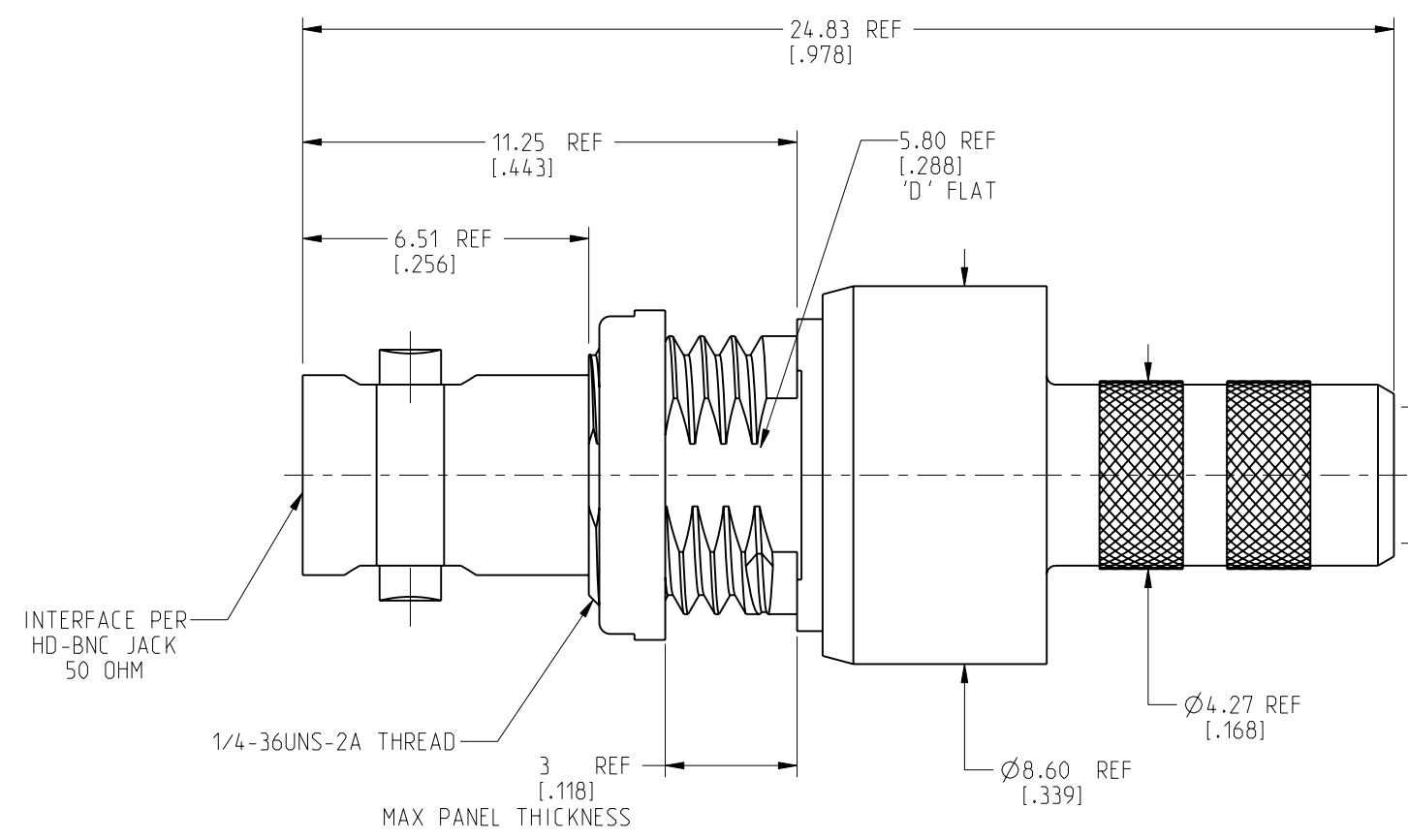
SCALE 3.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



RECOMMENDED MOUNTING HOLE DIMENSIONS



PROTECTED UNDER U.S. PATENT # 7,553,117 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 [$\pm 0.020 = \pm 0.002$]
 0.5 - 6mm = ±0.1mm [$\pm 0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$\pm 0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$\pm 1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL: SEE NOTE
 ENGR.1: C.CROTTY ENGR.2: WIKI DATE: 10-JAN-202

TITLE: 50 OHM HD-BNC STR BHD JACK FOR LMR-195-UF
 SHEET NO. 2 OF 2 SCALE: 6.0:1.0

Amphenol RF		REV
		A
		SIZE: B
DRAWING NO.	34-5080	REV
ITEM NO.	34-5080	
PART NO.	34-5080	