

NOTES:

1. MATERIALS AND FINISHES:  
BODY, WASHERS, CLAMP NUT &  
BRAID CLAMP - BRASS, NICKEL PLATING  
CONTACT - PHOSPHOR BRONZE, SILVER PLATING  
INSULATOR - PTFE, NATURAL  
GASKET - SILICONE RUBBER, RED  
HEAT SHRINK TUBE - POLYOLEFIN, BLACK
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 10.2 GHz  
C. VSWR : 1.10 MAX. @ DC - 5 GHz  
1.20 MAX. @ 5 - 8 GHz  
1.35 MAX. @ 8 - 10.2 GHz
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C
4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 82-5946 AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:

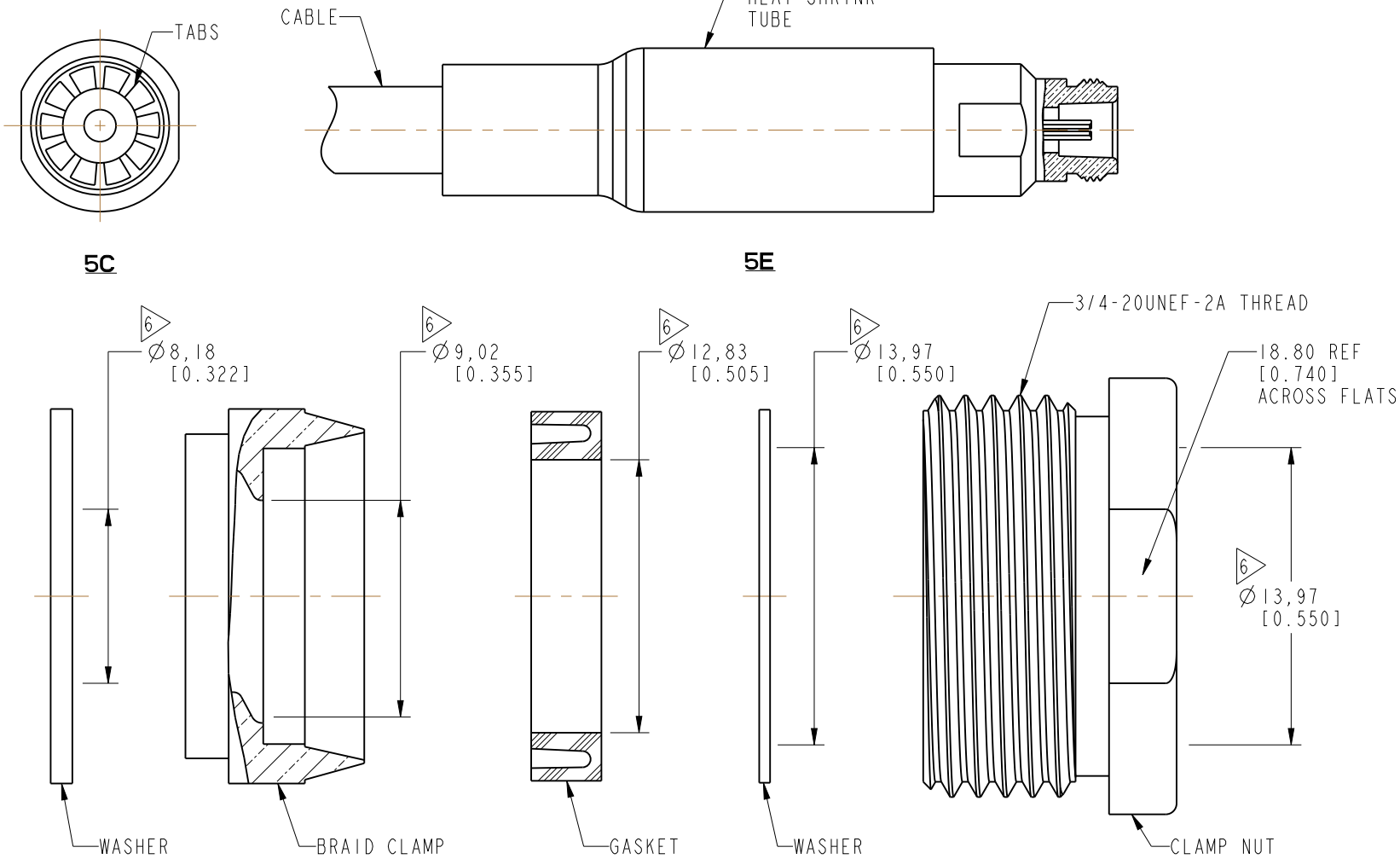
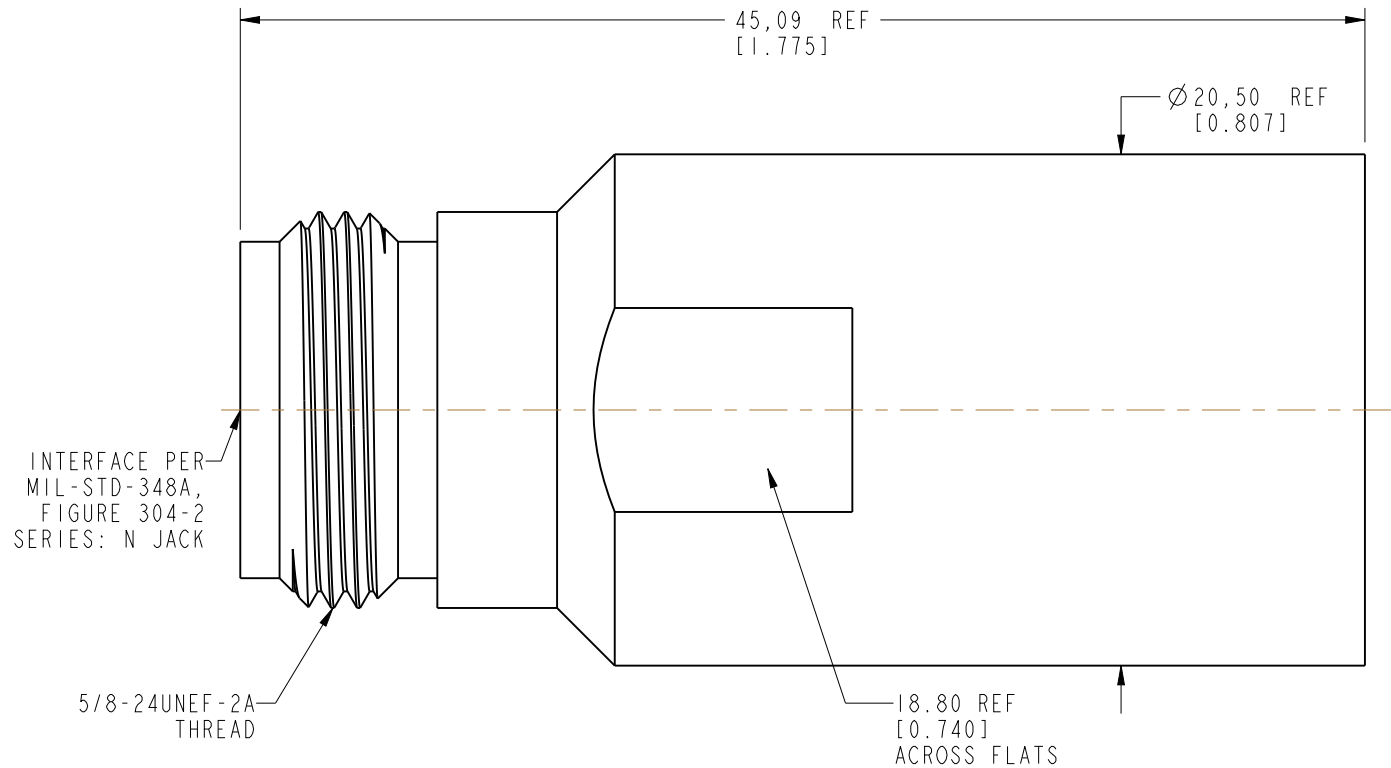
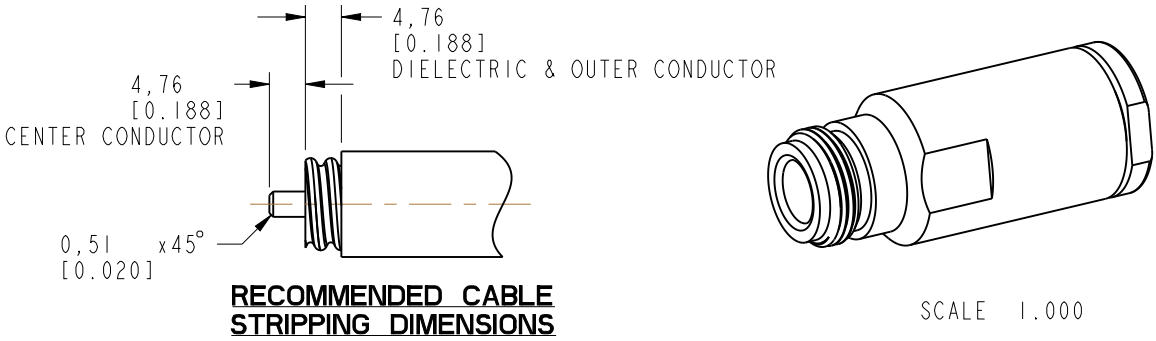
- A. TRIM CABLE AS SHOWN. BE SURE TO SCRAPE ALL FOAM FROM INNER CONDUCTOR.
- B. INSTALL CLAMP NUT, WASHER (LARGE HOLE), REAR GASKET AND BRAID CLAMP ONTO CABLE. NOTE: SCREW BRAID CLAMP ONTO OUTER CONDUCTOR UNTIL IT BOTTOMS AGAINST JACKET, APPROXIMATELY 1.59 [0.062] OF CABLE WILL PROTRUDE FROM EDGE OF BRAID CLAMP.
- C. SLIT AND BEND OUTER CONDUCTOR (10-12 SLITS 1.59 [0.062] DEEP). BEND THE TABS AGAINST THE BRAID CLAMP AS SHOWN. TRIM FOAM FLUSH WITH FLATTENED TABS.
- D. INSERT WASHER (SMALL HOLE) INTO BODY ASSEMBLY. PUSH CLAMP NUT AND OTHER COMPONENTS FORWARD AS FAR AS POSSIBLE. INSERT CABLE AND COMPONENTS INTO BODY ASSEMBLY. ENGAGE THREADS OF CLAMPS NUT AND BODY ASSEMBLY BY TURNING BODY ASSEMBLY ONLY. DO NOT TURN CLAMP NUT. TIGHTEN TO 8-12 FT-LBS.
- E. SLIDE HEAT SHRINK TUBE OVER CONNECTOR AND POSITION AS SHOWN. APPLY HEAT TO SHRINK TUBE TIGHT ONTO CABLE. DO NOT OVERHEAT.

6> SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	21-Dec-92	39112	DL/RV
B	REDRAWN IN CREO, NICKLE PLATING WAS CHROMIUM & FORMAT UPDATED	01-Oct-19	13121	AAP



CUSTOMER OUTLINE DRAWING  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: &lt;0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°</div> <div>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.</div>	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	A ARUN PRABU	23-Sep-19				
	REFERENCE	ENGINEER	DATE	N STR JACK FOR ANDREW CABLE FSJ4-50B (BRASS VERSION)		DRAWING NO. 82-5946	
	EAR# 963372-0	D.LEWIS	20-Aug-92			ITEM NO. 82-5946	
	REF:	APPROVED	DATE	SCALE: 3.3:1.0 SHEET 2 OF 2		PART NO. 82-5946	
CONFIGURATION LEVEL: In Work		K.CAPOZZI	01-Oct-19	DWG SIZE		REV	
FINISH		CAD FILE		B		B	