

NOTES:

1. MATERIALS AND FINISHES:  
BODIES, OUTER CONTACT, CLAMP NUT, BRAID CLAMP,  
WASHER & COUPLING NUT - BRASS, NICKEL PLATING  
BULLET CONTACT - BRASS, SILVER PLATING  
CONTACT - BeCu, SILVER PLATING  
WASHER - COPPER, NICKEL PLATING  
INSULATORS - PTFE, NATURAL  
GASKETS - SILICONE RUBBER, RED  
RETAINING RING - PHOSPHOR BRONZE, NATURAL

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 11 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, 82-835, AND DATE CODE"

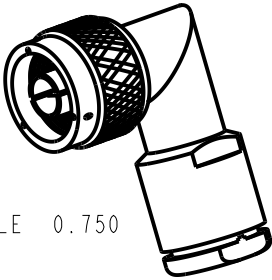
5. CABLE ASSEMBLY INSTRUCTIONS:  
A. STRIP CABLE AS SHOWN.  
B. SLIDE CLAMP NUT, WASHERS, GASKET & BRAID CLAMP OVER CABLE SHEATH.  
C. COMB OUT THE BRAID AND FOLD OUT, TRIM EXCESS BRAID.  
D. SOLDER CABLE CENTER CONDUCTOR TO CENTER CONTACT.  
E. SLIDE SUB-ASSEMBLY TO THE REAR SIDE OF THE BODY AND TIGHTEN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

6 SHOWS CABLE ENTRY DIMENSIONS.

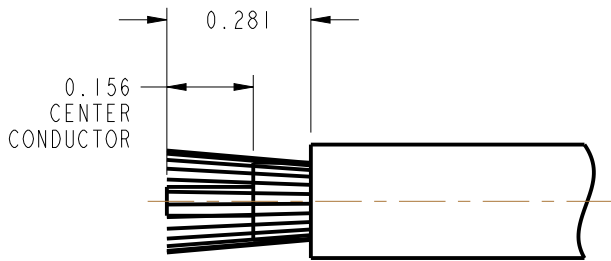
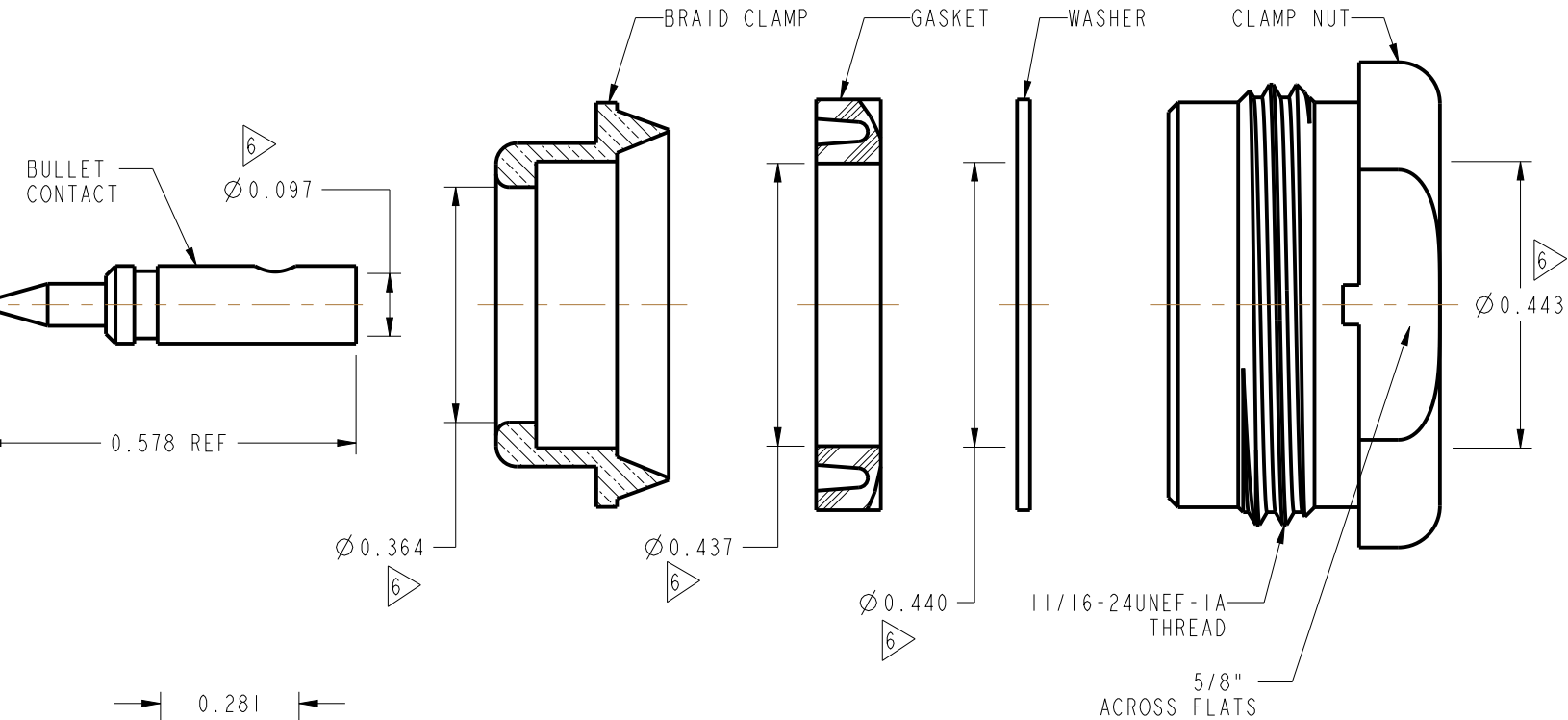
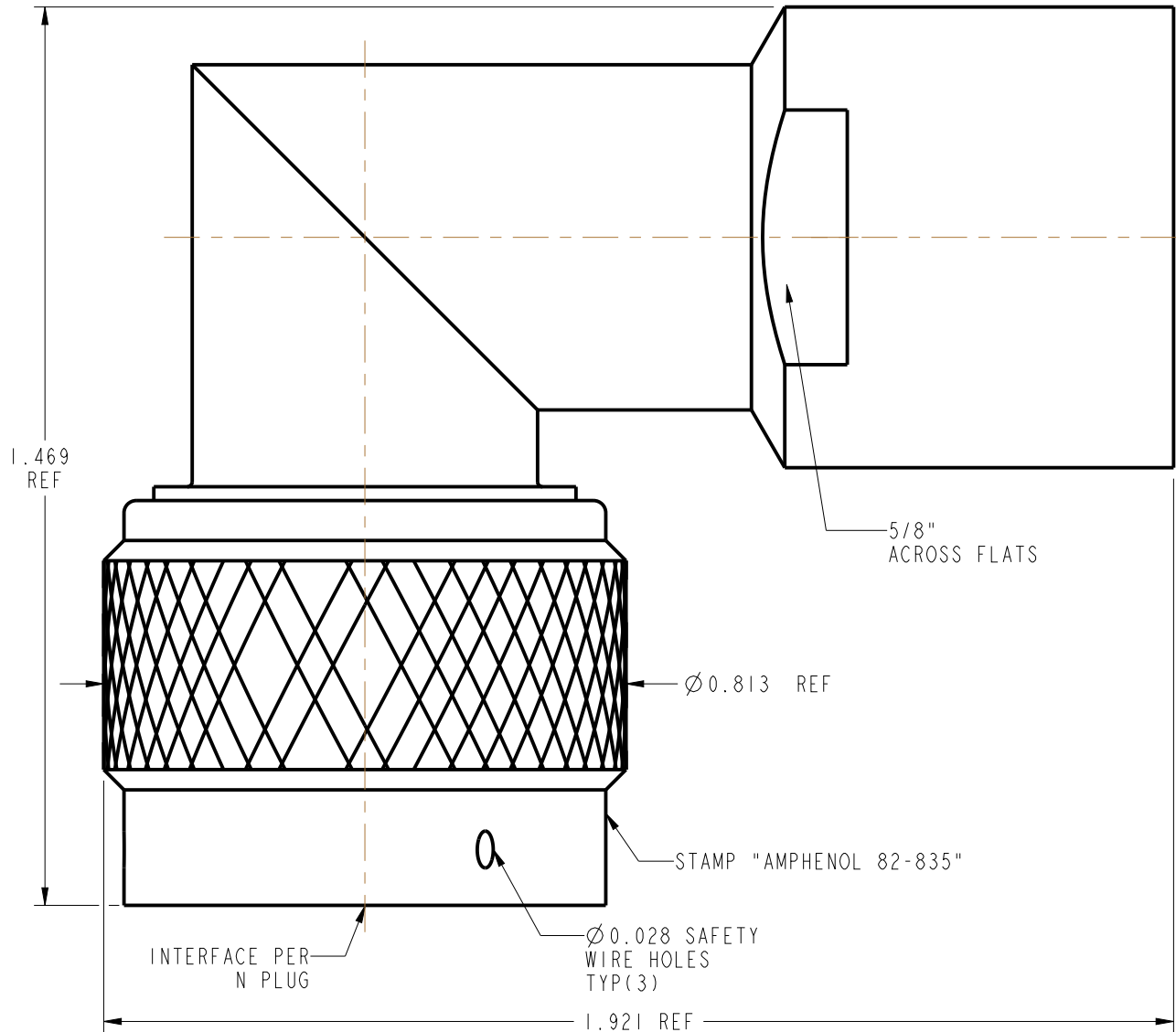
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
V	REDRAWN IN PRO-E & COD SHEET ADDED	23-May-17	03863	MB



SCALE 0.750



RECOMMENDED CABLE  
STRIPPING DIMENSIONS

CUSTOMER OUTLINE DRAWING  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1° 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.	MATERIAL	DRAWN MOHAN	DATE 04-Mar-14	TITLE TYPE N RIGHT ANGLE PLUG FOR RG-8/U, 9/U, 213/U, 214/U & 225/U CABLE	Amphenol RF www.amphenolrf.com
	SEE NOTES	ENGINEER K.CAPOZZI	DATE 04-Mar-14		
	REFERENCE EAR #	APPROVED K.CAPOZZI	DATE 23-May-17		
	CONFIGURATION LEVEL: In Work	CAD FILE	SCALE: 3.5:1.0 SHEET 2 OF 2	DWG SIZE B	REV V
	FINISH				
				DRAWING NO.82-835	
				ITEM NO.82-835	
				PART NO.82-835	

# Mouser Electronics

Authorized Distributor

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