

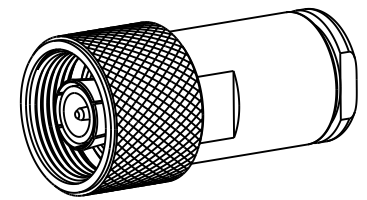
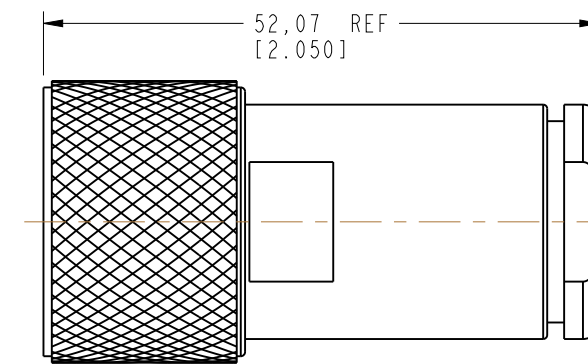
NOTES:

- MATERIALS AND FINISHES:**  
 BODIES, BRAID CLAMPS, WASHER, CLAMP NUT, BUSHING  
 COUPLING NUT - BRASS (C3600), NICKEL PLATING (0.000100 THICK, MIN)  
 CONTACT - BRASS (C3600), GOLD PLATING (0.000050 THICK, MIN)  
 INSULATORS - PEEK 30% GLASS FILLED, NATURAL  
 GASKETS - SILICONE RUBBER, RED  
 WASHER - BeCu, NICKEL PLATING (0.000100 THICK, MIN)  
 RETAINING RING - BeCu, NATURAL  
 OUTER CONTACT - PHOSPHOR BRONZE, NICKEL PLATING (0.000100 THICK, MIN)
- ELECTRICAL:**  
 A. IMPEDANCE: 50 OHM, COMPATIBLE WITH 50, 75, AND 93 OHM CABLE  
 B. FREQUENCY RANGE: DC - 10 GHz  
 C. 2500 VDC WITH PEEK (30% GLASS)  
 INSULATOR (TRIAxIAL CABLE MUST HAVE APPROPRIATE RATING)
- MECHANICAL:**  
 A. TEMPERATURE RANGE: -20 F TO +400 F IN AIR.
- SHIP DATE MUST BE WITHIN 1 YEAR OF MARKED DATE CODE.

- WHEN MAINTAINED IN ORIGINAL SEALED PACKAGE AND STORED BETWEEN 40 F AND 100 F AT 30-70% RELATIVE HUMIDITY. THE SHELF LIFE FOR THIS CONNECTOR WILL BE A MINIMUM OF 30 YEARS.
  - PACKAGING:**  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 53175-1053P AND DATE CODE"
  - CABLE ASSEMBLY INSTRUCTION:**  
 REFER TO AMPHENOL SPEC 349-50097 FOR CABLE STRIPPING AND CONNECTOR ASSEMBLY INSTRUCTIONS.
- 8 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

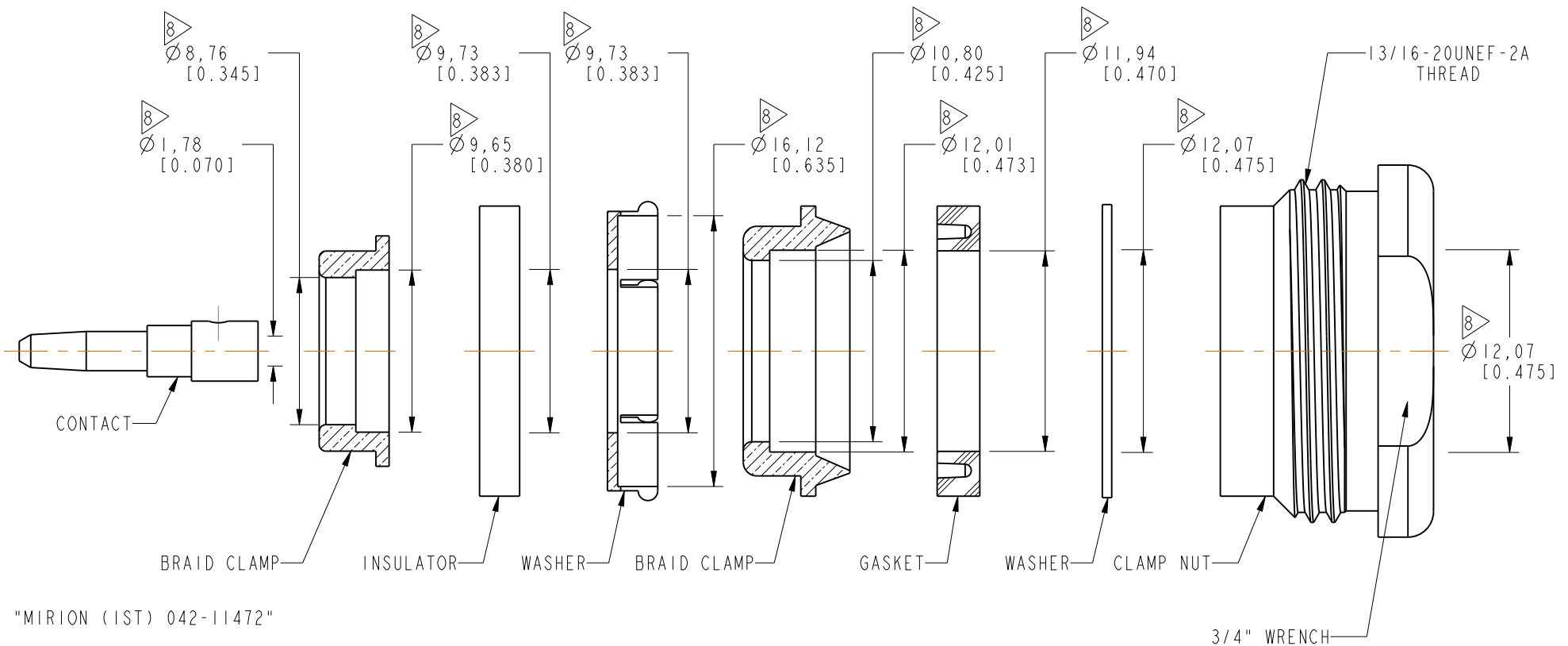
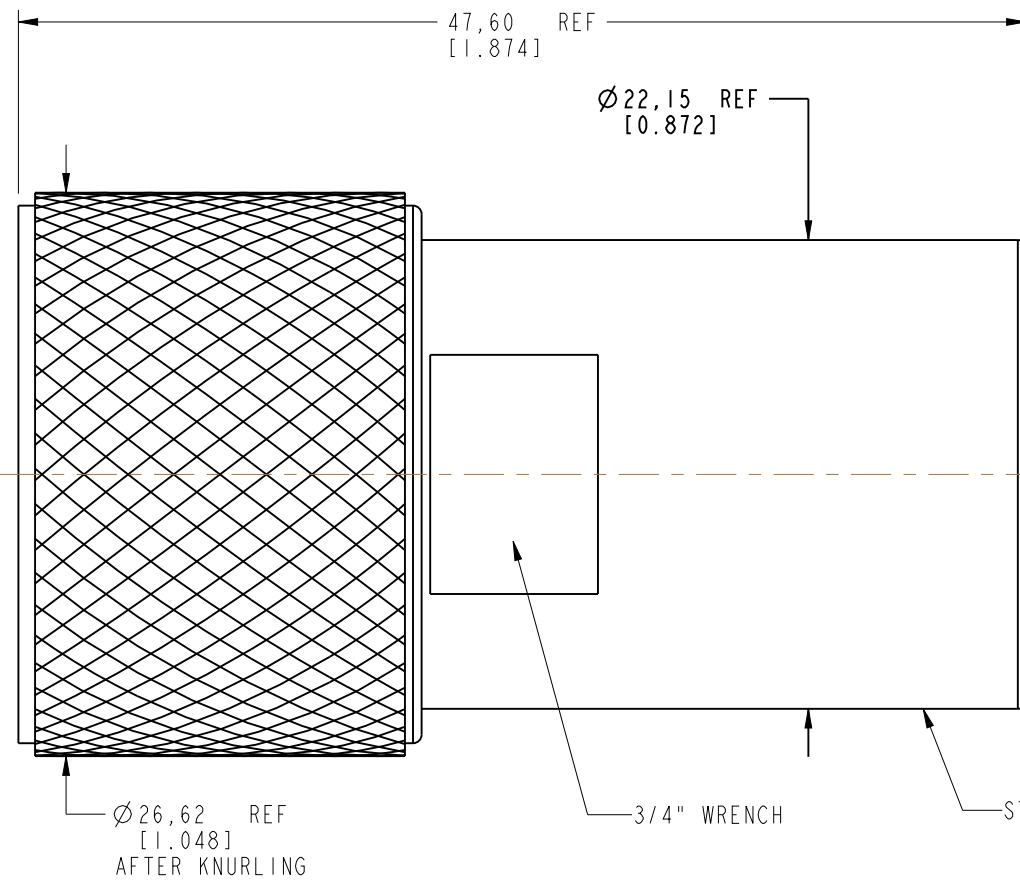
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	04-Mar-14	49487	MJD
B	DRAWING & NOTES UPDATED	23-Dec-19	14041	SKP



SCALE 0.800

SCALE 1.400

**ASSEMBLED VIEW**



**CONFIGURATION CONTROL:  
NO CHANGES PERMITTED TO DRAWING WITHOUT  
MIRION (IST) APPROVAL**

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE TRIAXIAL STR PLUG FOR AMPHENOL 21-529 CABLE PEEK INSULATORS		Amphenol RF www.amphenolrf.com	
	SEE NOTES	C. McGRATH	13-Sep-12				
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.	REFERENCE	ENGINEER	DATE	SCALE: 2.8:1.0    SHEET 2 OF 2		DRAWING NO. 53175-1053P	
	EAR#	B. GLEISSNER	13-Sep-12			ITEM NO. 53175-1053P	
	REF:	APPROVED	K. CAPOZZI	DATE	PART NO. 53175-1053P		
CONFIGURATION LEVEL: In Work	CAD FILE		23-Dec-19	DWG SIZE	REV		
FINISH				B	B		