

NOTES:

1. MATERIALS AND FINISHES:
 BODY, RETAINING RING, LOCK WASHER & HEX NUT - BRASS, NICKLE PLATING
 INSULATOR - PTFE, NATURAL
 CONTACT - BRASS, GOLD PLATING
 INSULATOR DISC - ULTEM, NATURAL
 GASKET - RUBBER, RED
 FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY: DC - 8 GHz
 C. VSWR: 1.30 MAX. @ DC - 6 GHz
 1.40 MAX. @ 6 - 8 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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, 31-6877 AND DATE CODE"

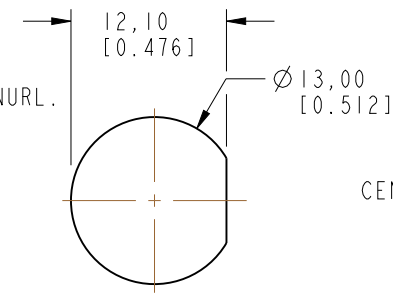
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH 0.429" HEX DIE.

6 SHOWS CABLE ENTRY DIMENSIONS.

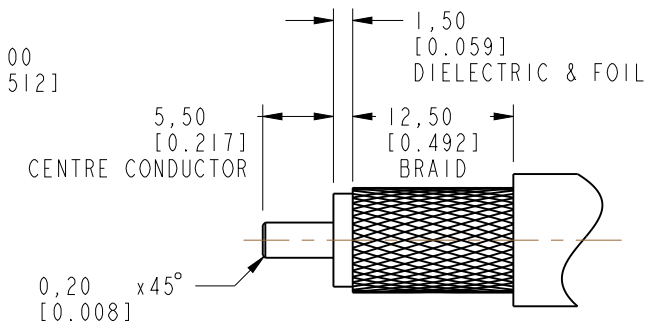
THIRD ANGLE PROJ.

REVISIONS

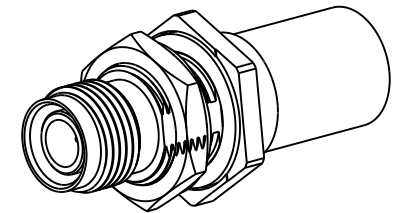
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	20-APR-20	14981	EH



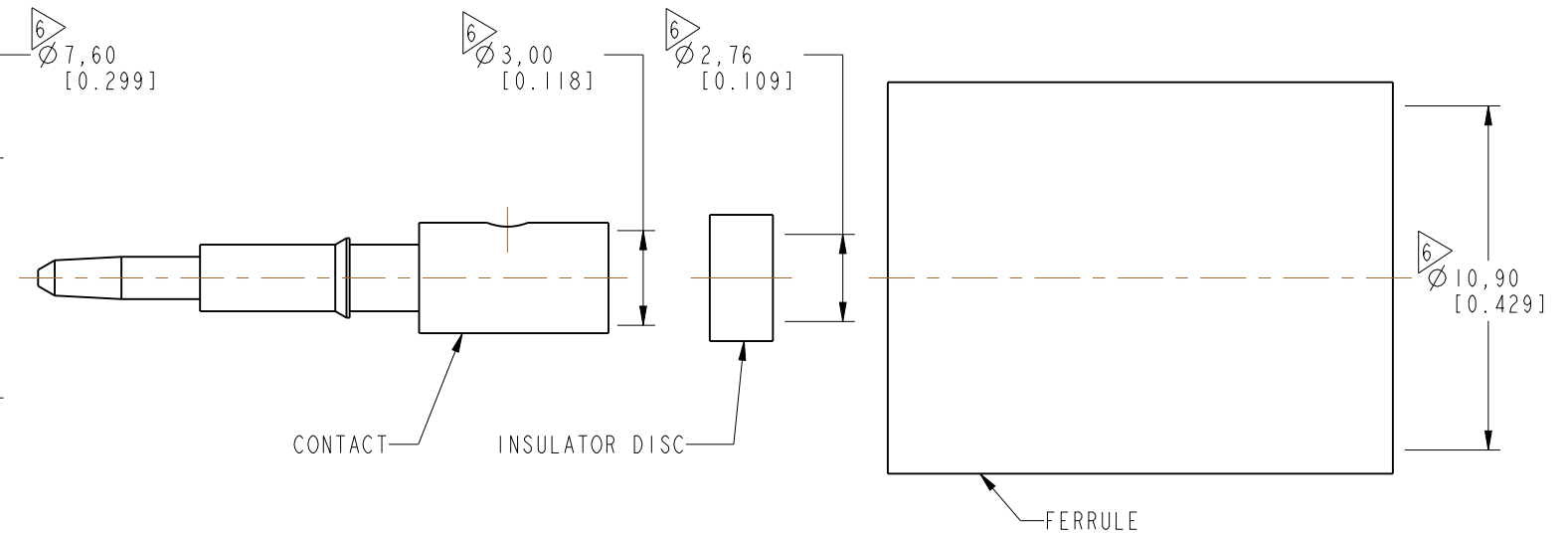
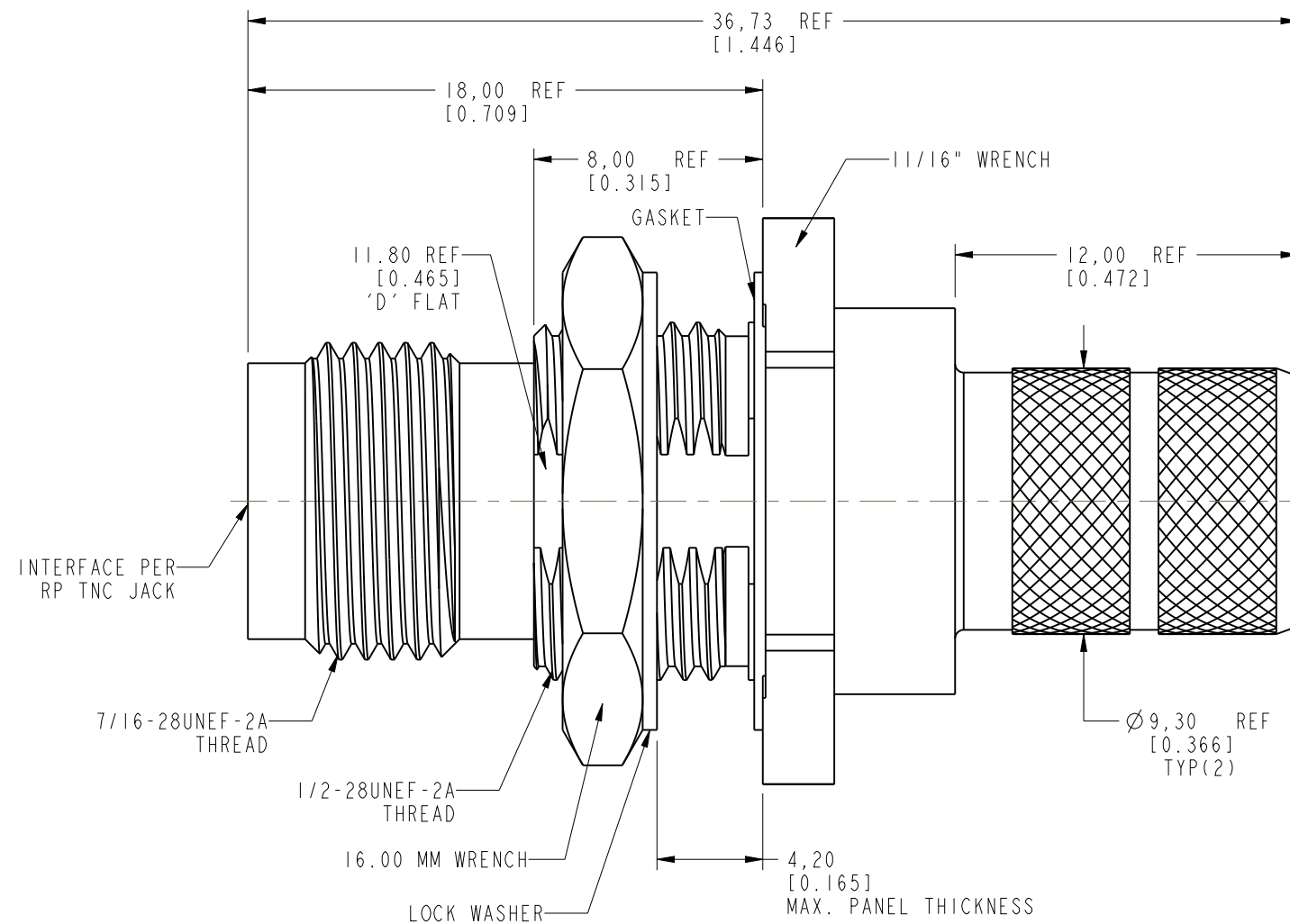
RECOMENDED MOUNTING HOLE DIMENSIONS



RECOMENDED CABLE STRIPPING DIMENSIONS



SCALE 1:300



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	Amphenol RF www.amphenolrf.com
	SEE NOTES	KRISHNA S	17-Jul-19	RP TNC STR BHD JACK FOR LMR 400 CABLE	
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: 4.2:1.0	DRAWING NO. 31-6877
	EAR# 9189	KRISHNA S	17-Jul-19	SHEET 2 OF 2	ITEM NO. 31-6877
	REF:	APPROVED	M. HOYACK	DATE	DWG SIZE
CONFIGURATION LEVEL: In Work	FINISH	CAD FILE	20-APR-20	B	REV A