

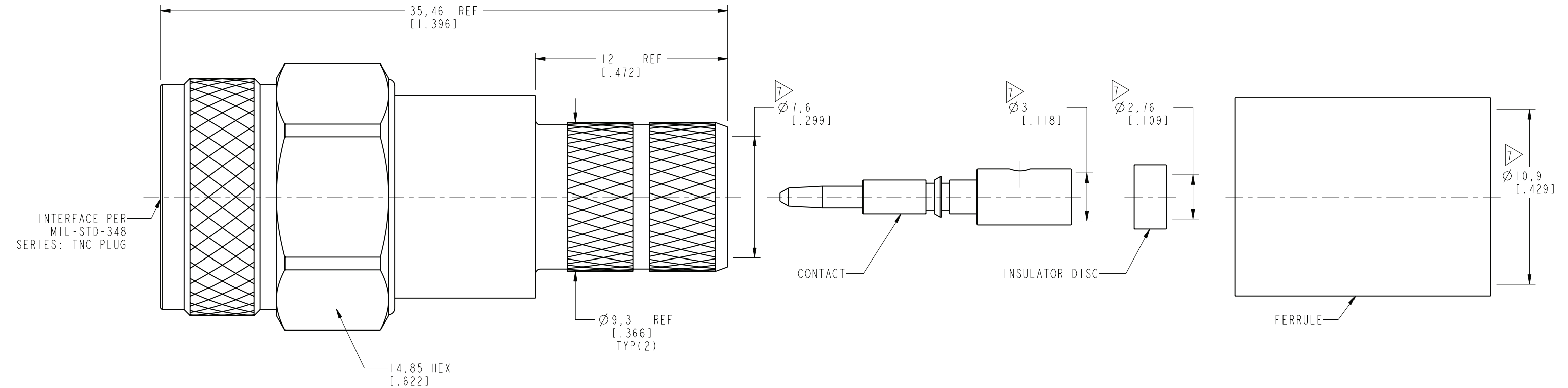
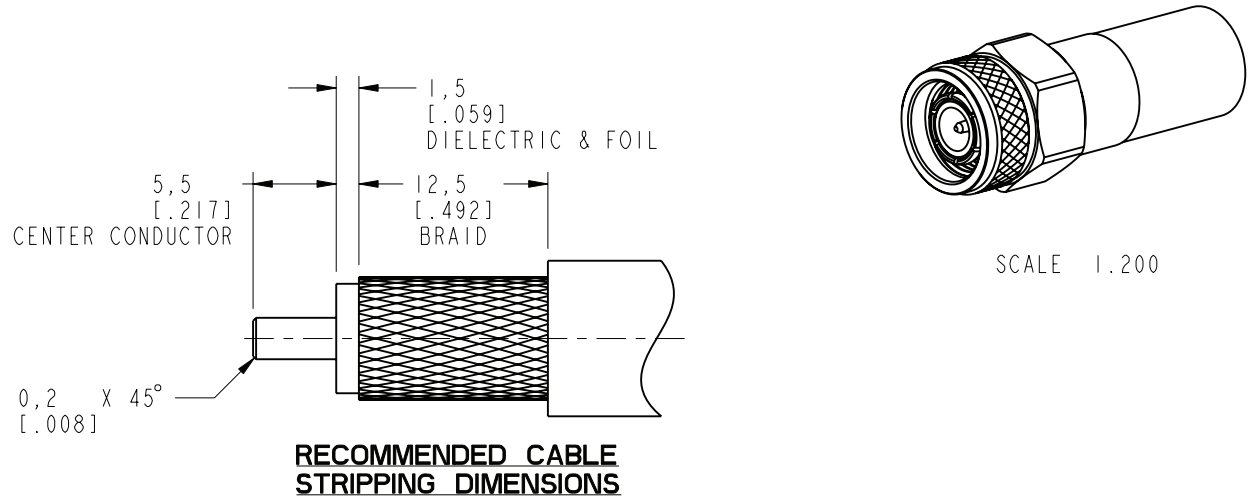
NOTES:

1. MATERIALS AND FINISHES:
BODY & COUPLING NUT - BRASS, NICKEL PLATING
INSULATOR - PTFE, NATURAL
CONTACT - BRASS, GOLD PLATING
INSULATOR DISC - ULTEM, NATURAL
GASKET - SILICONE RUBBER, RED
RETAINING RING - PHOSPHOR BRONZE, NATURAL
FERRULE - COPPER, NICKEL PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: 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, 31-6872 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. RECOMMENDED COUPLING TORQUE: 4-6 IN-LBS.
- 7 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	05-JUN-20	15210	EH



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL		DRAWN		DATE		TITLE TNC STR PLUG FOR LMR 400 CABLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES		E.WU		09-Jun-20					
	REFERENCE		ENGINEER		DATE		SCALE: 4.2:1.0 SHEET 2 OF 2			
	EAR# 9189		STAR		11-Jun-20					
	REF:		APPROVED		DATE					
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.	CONFIGURATION LEVEL: In Work		S.HSIEH		17-Jun-20					
	FINISH		CAD FILE				DWG SIZE B			
							REV A			
								DRAWING NO. 31-6872		
								ITEM NO. 31-6872		
								PART NO. 31-6872		