

NOTES:

1. MATERIALS AND FINISHES:
 BODIES -BRASS, NICKEL PLATING
 CONTACT - BRASS, GOLD PLATING
 COUPLING NUT- BRASS, NICKEL PLATING
 INSULATOR - PTFE, NATURAL
 COUPLIN NUT- BRASS, NICKEL PLATING
 CAP- BRASS, NICKEL PLATING
 FERRULE- COPPER, NICKEL PLATING

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz

3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65 °C TO +165 °C

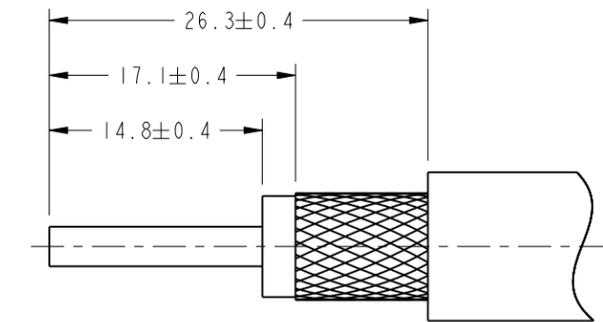
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 31-6517 AND DATE CODE"

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

6. CAP ASSEMBLY INSTRUCTIONS:
 A. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.

7. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

8. SHOWS CABLE ENTRY DIMENSIONS.

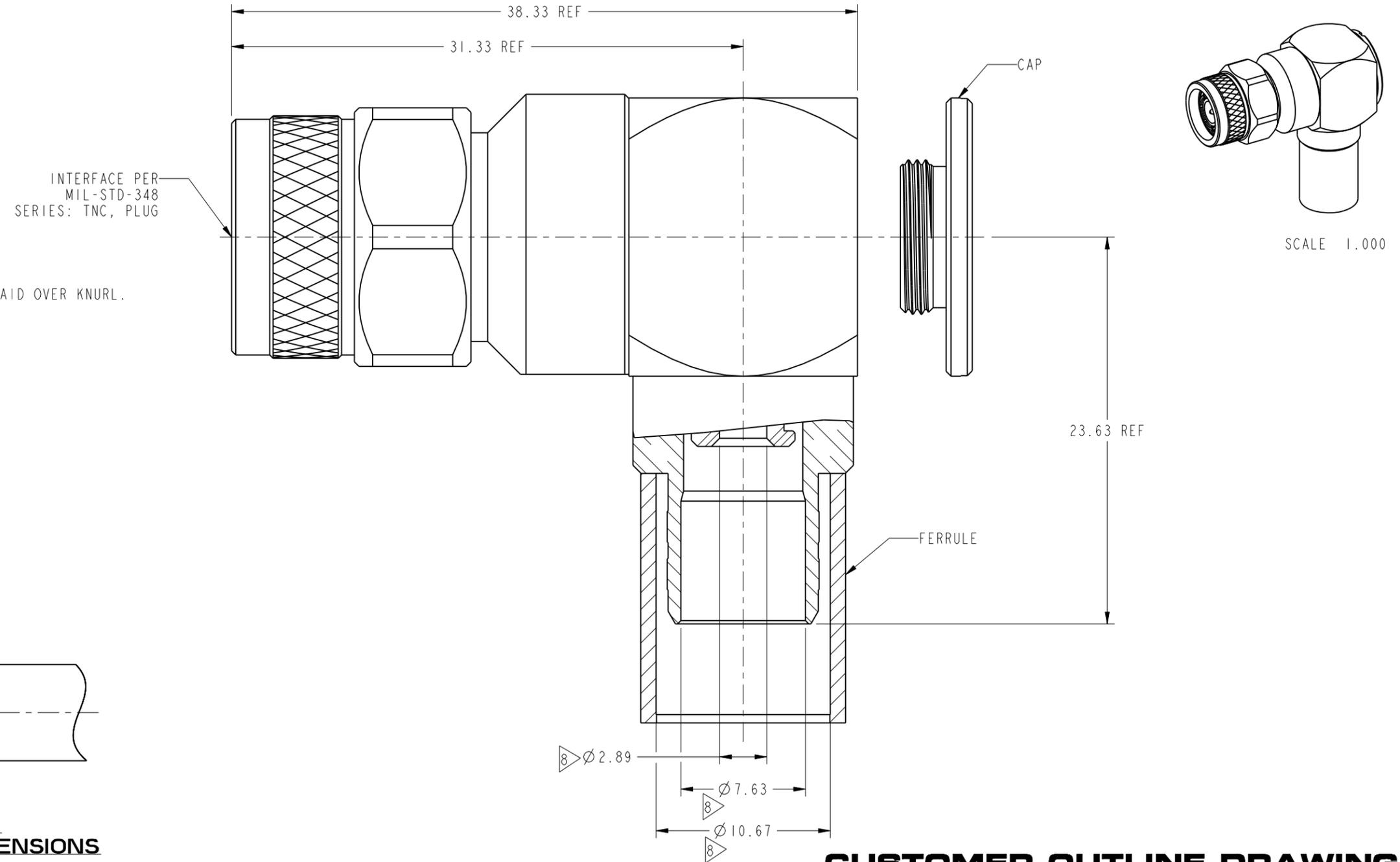


**RECOMMENDED
CABLE STRIPPING DIMENSIONS**

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	31-Jan-12	48912	TD
B	INSULATOR WAS CHANGED, REMOVED 0.5 FROM CABLE STRIPPING DIMENSIONS	21-Mar-12	49003	SH
C	PLATING OF CONTACT PIN WAS CHANGED	18-Jun-12	49127	SH



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 TNC PLUG R/A FOR LMR-400-CABLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	SEE NOTES	T. DENG	18-Jun-12				
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	EAR # 4180	M. NAPLES	10/25/11			ITEM NO.31-6517	
	CONFIGURATION LEVEL:	APPROVED	DATE	REV	PART NO.31-6517		
FINISH	Root Folder/N/31-6517	S. HSIEH	18-Jun-12	B	C		