NOTES:

1. MATERIALS AND FINISHES:
   - BODY - BRASS, NICKEL PLATING
   - CONTACT - BeCu, GOLD PLATING
   - INSULATOR & INSULATOR DISC - PTFE
   - FERRULE - COPPER, NICKEL PLATING
   - BULLET CONTACT - BRASS, GOLD PLATING

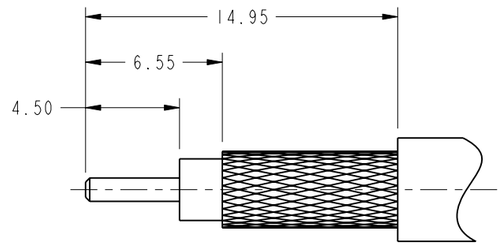
2. ELECTRICAL:
   - A. IMPEDANCE: 50 OHM
   - B. FREQUENCY RANGE: DC - 6 GHz
   - C. VSWR(RETURN LOSS): 1.15 (23.127 dB), MAX.
   - D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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, 31-6827, DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
   - A. TRIM CABLE AS SHOWN.
   - B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
   - C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
   - D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   - E. CRIMP FERRULE OVER BRAID WITH 0.255" HEX DIE.

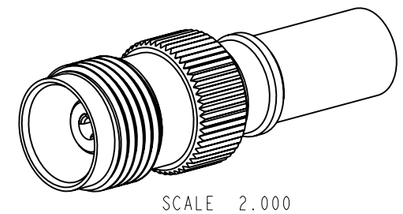
6 SHOWS CABLE ENTRY DIMENSIONS.



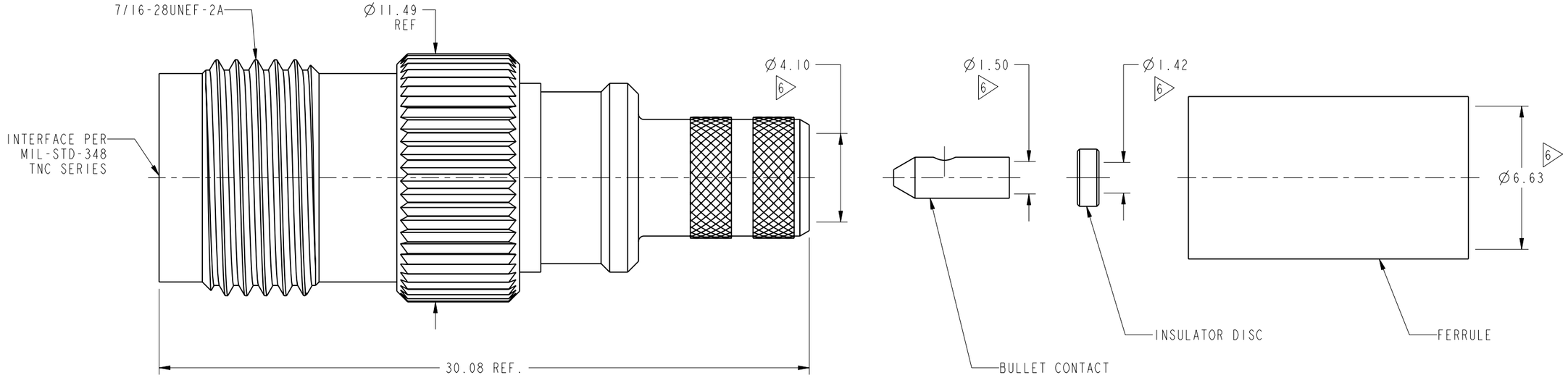
RECOMMENDED
CABLE STRIPPING DIM'S

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	21-May-18	08141	KCE



SCALE 2.000



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°

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MATERIAL: SEE NOTE

REFERENCE: EAR # 8049

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	STAR	28-May-18
ENGINEER	SUNDE	28-May-18
APPROVED	S.HSIEH	28-May-18
CAD FILE		

TITLE: TNC STR JACK FOR LMR-240-UF, LMR-240 CABLE

SCALE: 5.0:1.0 SHEET 2 OF 2

DWG SIZE: B REV: A

Amphenol RF

www.amphenolrf.com

DRAWING NO. 31-6827

ITEM NO. 31-6827

PART NO. 31-6827