

NOTES:

1. MATERIALS AND FINISHES:

- FERRULE - BRASS, NICKEL PLATING
- BODY & COUPLING NUT - BRASS, NICKEL PLATING
- CONTACT - BRASS, GOLD PLATING
- INSULATOR - PTFE, NATURAL
- GASKET - SILICONE RUBBER, RED
- RING - DELRIN, NATURAL
- DISC INSULATOR - ULTEM 1000, NATURAL

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO +85° C

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 31-6822, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:

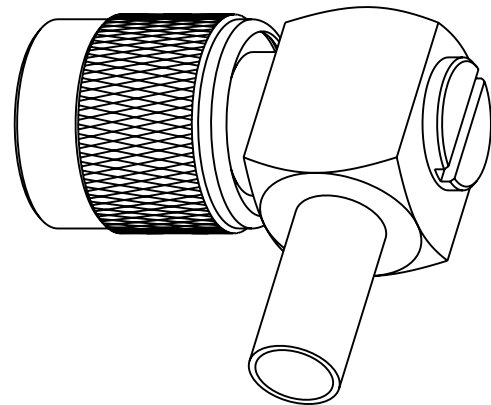
- A. TRIM CABLE AS SHOWN.
- B. SLIDE FERRULE ONTO CABLE.
- C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL
- D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- E. CRIMP FERRULE OVER BRAID WITH .213" HEX DIE.

6. CAP ASSEMBLY INSTRUCTIONS:

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

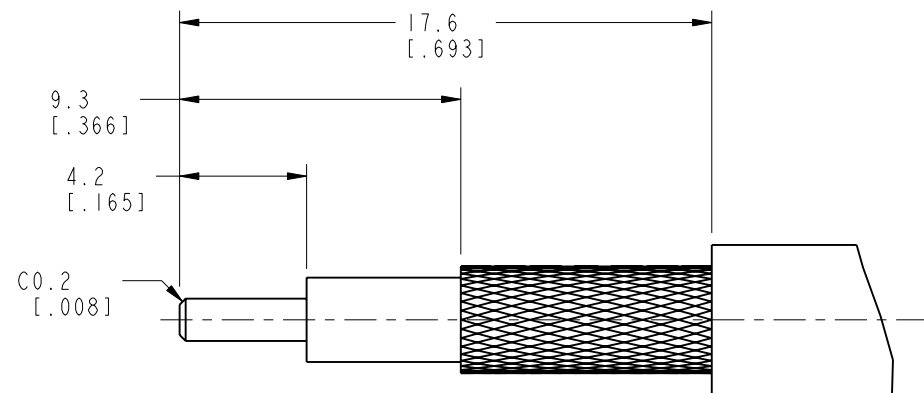
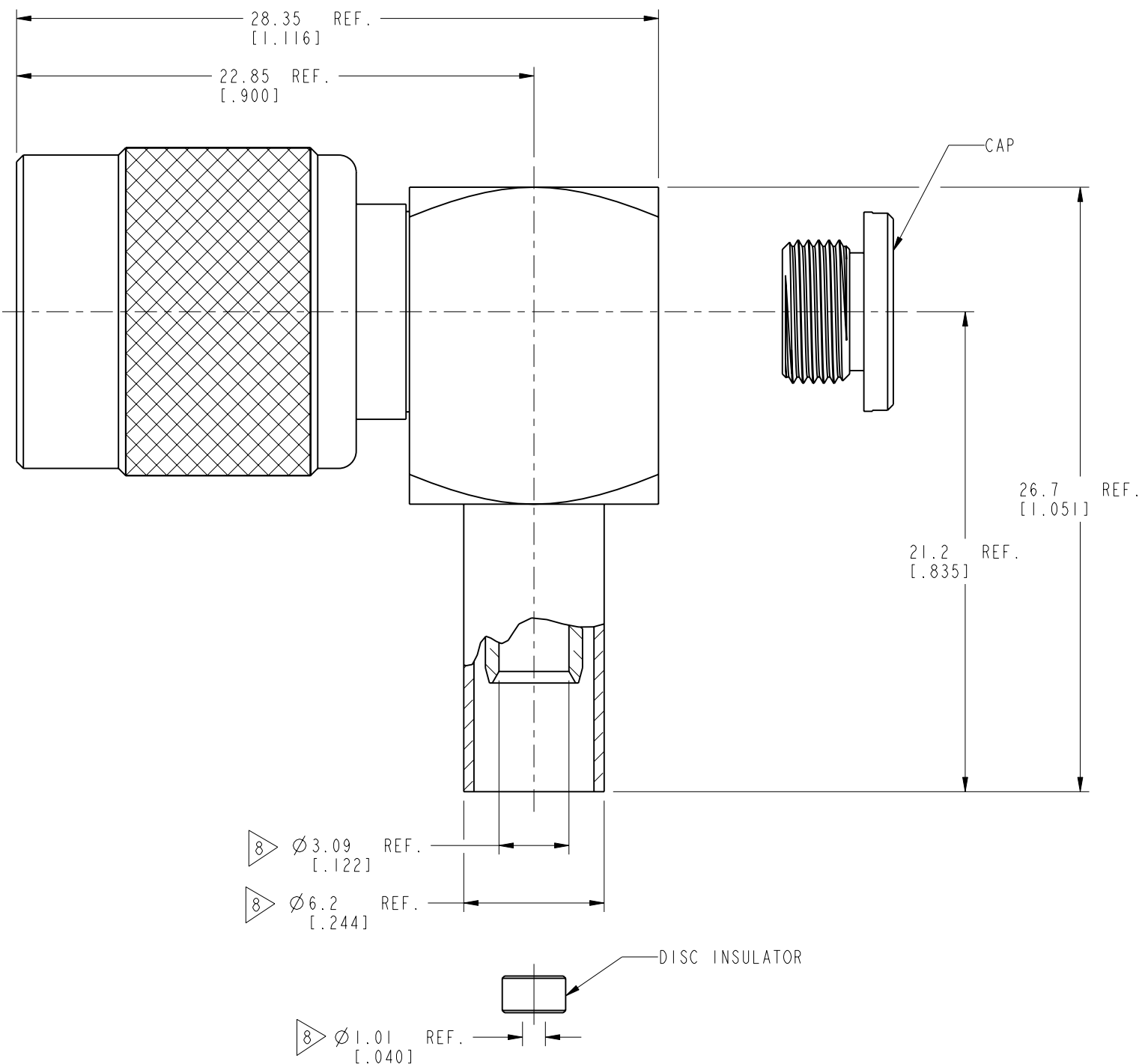
7. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.

8 SHOWS CABLE ENTRY DIMENSIONS.



SCALE 2.000

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



RECOMMENDED CABLE STRIPPING DIM'S

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 M. ZHANG	DATE 22-May-18	TITLE TNC R/A PLUG FOR LMR-195-UF	Amphenol RF www.amphenolrf.com
	REFERENCE EAR# 8049 AND ---	ENGINEER K. ELMES	DATE 21-May-18		
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	FINISH	CAD FILE	DWG SIZE B	REV A	ITEM NO. 31-6822
					PART NO. 31-6822