

NOTES:

1. MATERIALS AND FINISHES:
 - BODY, BODY REAR - BRASS, NICKEL PLATING
 - CONTACT - BRASS, GOLD PLATING
 - INSULATOR - PTFE, NATURAL
 - INSULATOR-REAR - ULTEM, NATURAL
 - COUPLING NUT - BRASS, NICKEL PLATING
 - CAP - BRASS, NICKEL PLATING
 - FERRULE - SEAMLESS COPPER TUBE, NICKEL PLATING
 - GASKET - RUBBER, RED
 - WASHER - BRASS, NICKEL PLATING
 - SPRING - BERYLLIUM COPPER, NICKEL PLATING

2. ELECTRICAL:
 - A. IMPEDANCE: 75 OHM
 - B. FREQUENCY RANGE: DC - 18 GHz
 - C. RETURN LOSS: -20 dB DC-6 GHz
-15 dB 6-12 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
"AMPHENOLRF, 31-70544-12G, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
 - A. TRIM CABLE AS SHOWN.
 - B. SLIDE FERRULE ONTO CABLE.
 - C. SLIDE INSULATOR-REAR ONTO CENTER CONDUCTOR IN THE ORIENTATION SHOWN.
 - D. INSERT CABLE AND INSULATOR WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 - E. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
 - F. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

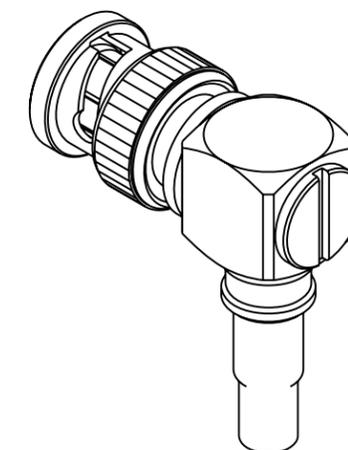
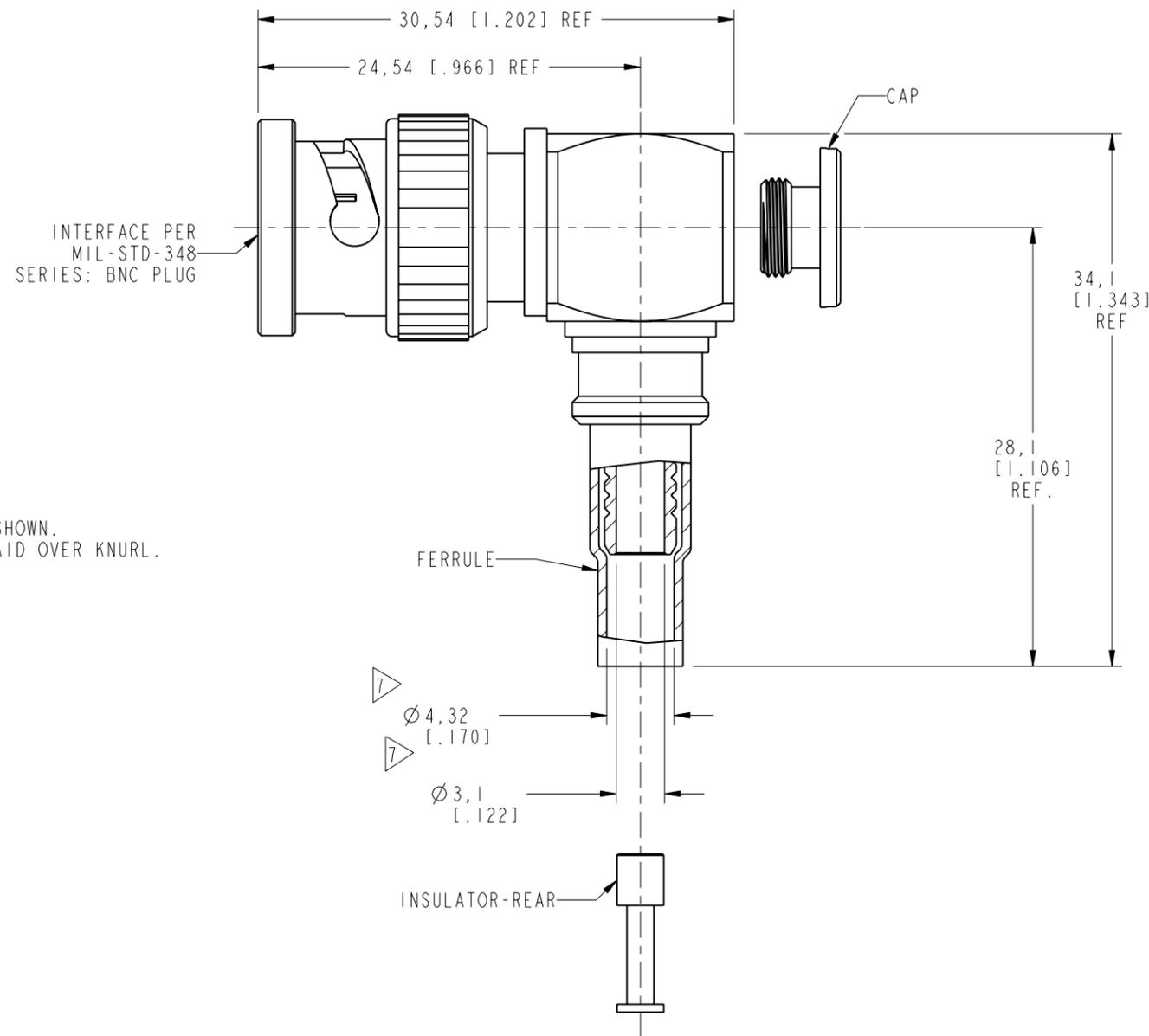
6. CAP ASSEMBLY INSTRUCTIONS:
 - A. ASSEMBLE CAP TO BODY WITH 16-32 IN-OZ TORQUE.

7. SHOWS CABLE ENTRY DIMENSIONS.

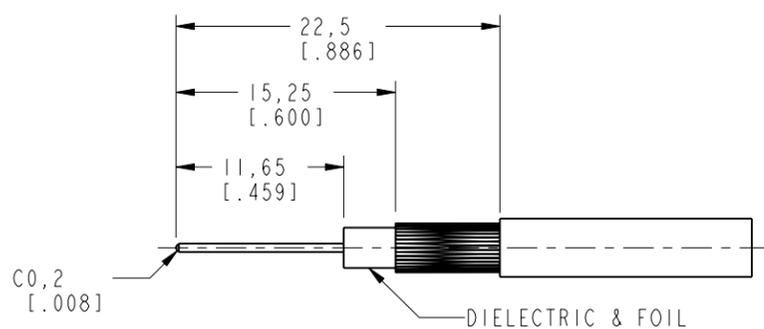
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	27-Apr-18	07922	KCE
B	BODY STRUCTURE WAS MODIFIED	21-Jun-18	08442	KCE



SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS

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°

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MATERIAL SEE NOTES	DRAWN W. ZENG	DATE 27-Jun-18	TITLE R/A BNC PLUG (BELDEN 4855R CABLE)		Amphenol RF www.amphenolrf.com	
REFERENCE 8067 AND	ENGINEER STAR	DATE 2-May-18				
CONFIGURATION LEVEL: In Work	APPROVED S. HSIEH	DATE 2-Jul-18	SCALE: 2.5:1.0	SHEET 2 OF 2	DRAWING NO. 31-70544-12G	
FINISH	CAD FILE	DWG SIZE B	REV B	ITEM NO. 31-70544-12G		
				PART NO. 31-70544-12G		

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