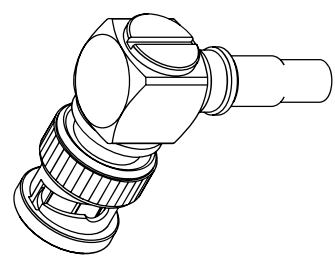
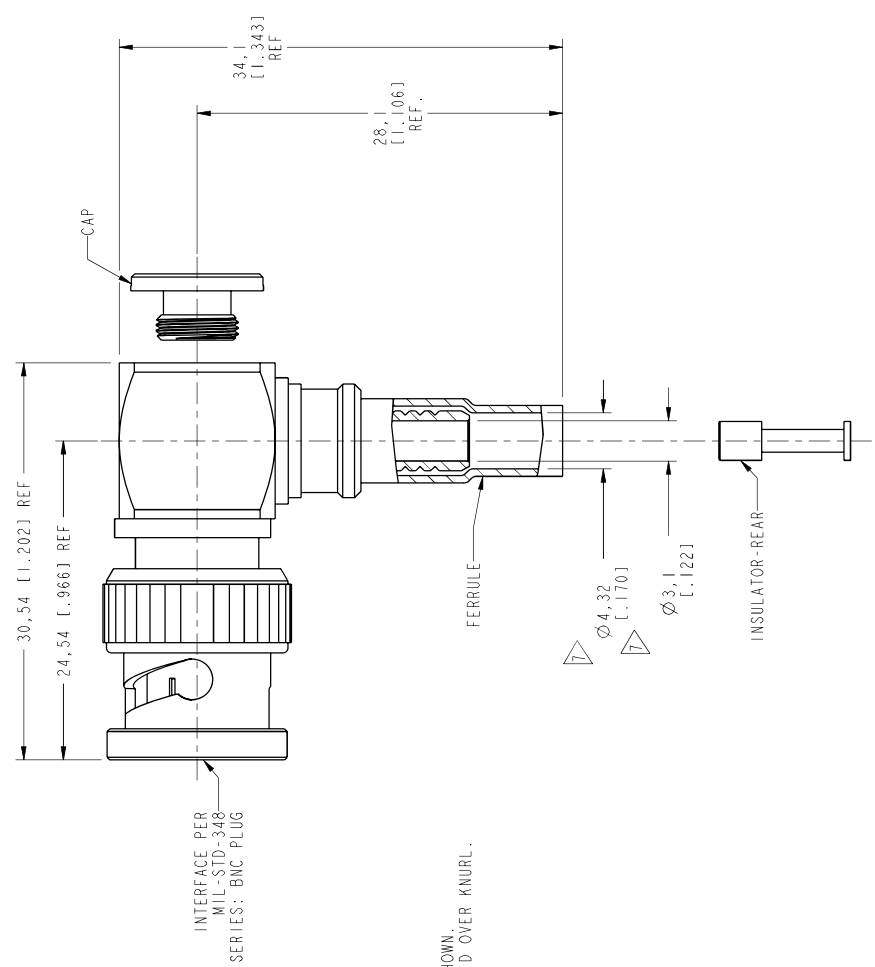


THIRD ANGLE PROJ.		REVISIONS			
REV	DESCRIPTION	DATE	ECO	APPR	
A	RELEASE TO MFG.	27-Apr-18	07922	KCE	
B	BODY STRUCTURE WAS MODIFIED	21-Jun-18	08442	KCE	



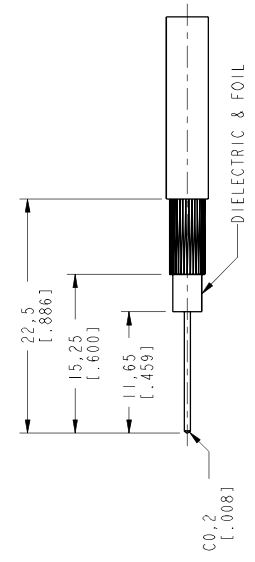
SCALE 1:500



INTERFACE PER MIL-STD-348 SERIES: BNC PLUG

NOTES:

- 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
 WASHER - RUBBER, RED
 SPRING - BRASS, 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
 3. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
 4. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40° C TO +85° C
 5. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 31-70544-12G, AND DATE CODE"
 6. 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.
 7. CAP ASSEMBLY INSTRUCTIONS:
 A. ASSEMBLE CAP TO BODY WITH 16-32 IN-OZ TORQUE.
 8. SHOWS CABLE ENTRY DIMENSIONS.



RECOMMENDED CABLE STRIPPING DIMENSIONS

MATERIAL		DRAWN	DATE	TITLE	DWG. SIZE	REV
SEE NOTES		W.ZENG	27-Jun-18	R/A BNC PLUG (BELDEN 4855R CABLE)	B	B
REFERENCE 8067 AND CONFIGURATION LEVEL: In Work		ENGINEER STAR	DATE 2-May-18	DRAWING NO. 31-70544-12G		
FINISH		APPROVED S.HSIEH	DATE 2-Jul-18	ITEM NO. 31-70544-12G		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: ±0.5mm ±0.1mm ±0.2mm ±0.2mm ±0.2mm ±0.2mm ANGLES ±1°		CAD FILE		PART NO. 31-70544-12G		
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