

NOTES:

1. MATERIALS AND FINISHES:

- BODIES - BRASS, NICKEL PLATED
- CONTACT - PHOSPHOR BRONZE, GOLD PLATED (.000030" THICK MIN)
- BULLET CONTACT - BRASS, GOLD PLATED
- CRIMP FERRULE - ANNEALED COPPER, NICKEL PLATED
- INSULATOR - PTFE
- O-RING & GASKET - SILICONE

2. ELECTRICAL:

- A. FREQUENCY RANGE = DC TO 3.0 GHz
- B. V.S.W.R. (RETURN LOSS) = 1.250 MAX. (-19.1 dB)

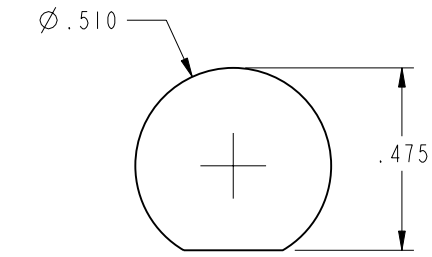
3. MECHANICAL:

- A. WATER PROTECTION IN UNMATED CONDITION PER IEC 529, IP67
- B. CONTINUOUS OPERATING TEMPERATURE: -40°C TO +85°C
- C. INTERFACE MEETS THE REQUIREMENTS OF AMPHENOL RF RP-TNC SERIES

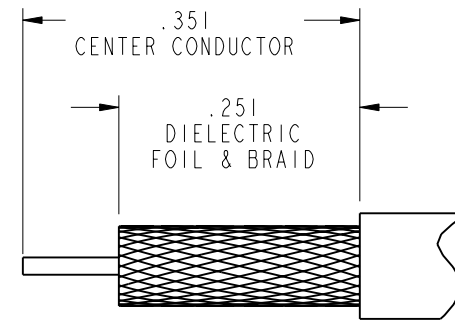
4. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN
- B. SLIDE CRIMP FERRULE ONTO CABLE
- C. CRIMP OR SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR  
INSERT CABLE WITH BULLET CONTACT INTO REAR FERRULE BODY,  
SLIDING FOIL INTO THE BODY AND THE BRAID OVER THE BODY.
- D. CRIMP FERRULE USING A .178 HEX DIE

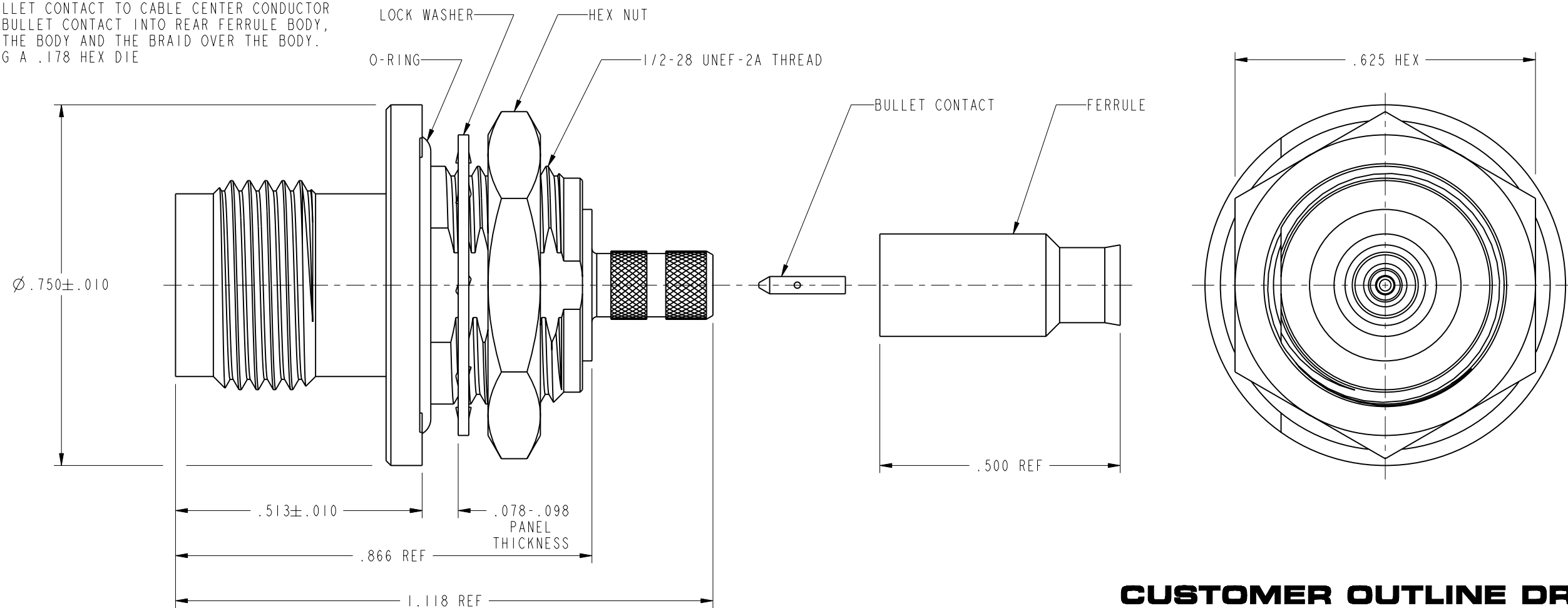
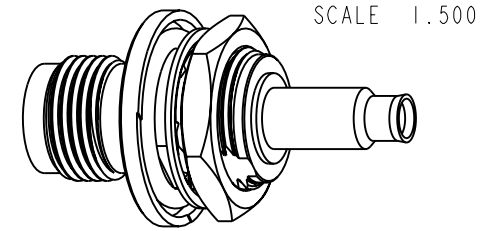
31-6213		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG	4/29/04	44933	BCG
	B	SEE SHEET 1	5/17/04	44959	BCG



SUGGESTED MOUNTING HOLE  
SCALE 2.000



RECOMMENDED TRIM DIMENSIONS



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN B.C. GLEISSNER	DATE 21-Apr-04	TITLE RP-TNC JACK, BULKHEAD FRONT MOUNT, SEALED FOR RG-316		Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE 611X-4158-100	ENGINEER B.C. GLEISSNER	DATE 15-Mar-04					
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