

NOTES:

1. MATERIALS AND FINISHES:

- MCX BODY - BRASS, GOLD PLATED (.000010" MIN.) OVER NICKEL
- AFI BODY - BERYLLIUM COPPER, GOLD PLATED (.000030" MIN.) OVER NICKEL
- ADAPTER BODY - STAINLESS STEEL, PASSIVATED
- CONTACTS - BERYLLIUM COPPER, GOLD PLATED (.000030" MIN.) OVER NICKEL
- INSULATOR - PTFE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC TO 6.0 GHz
- C. VSWR(RETURN LOSS): 1.100 (-26.4 dB) FROM DC-1.0 GHz
1.200 (-20.8 dB) FROM 1.0-3.0 GHz
1.300 (-17.7 dB) FROM 3.0-6.0 GHz
- D. D.W.V.: 500 VRMS, MIN.

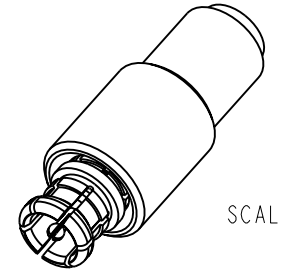
3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -65° C TO +165° C

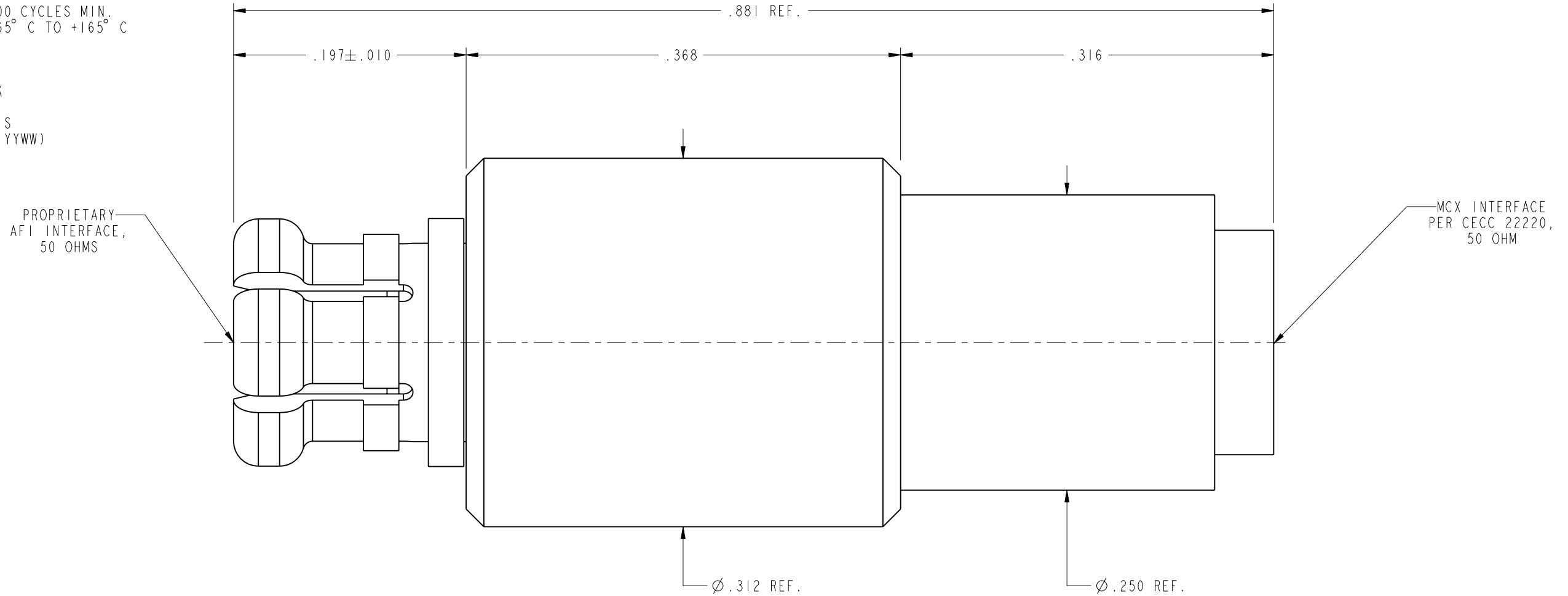
4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARKING: AMPHENOL
920-146A-51S
DATE CODE (YYWW)

920-146A-51S		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	12/12/03	44729	BCG



SCALE 2.000



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 08-Dec-03	TITLE AFI-50 TO MCX-50, MALE-FEMALE ADAPTER	Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com	
	REFERENCE 615X-1942-100	ENGINEER B.C. GLEISSNER	DATE 13-Jun-03			
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		CAD FILE I:\AFI\920-146A-51S	CODE ID 74868	DWG SIZE B	DRAWING NO. 920-146A-51S	REV A