

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS - GOLD PLATED (.000010" MIN.)
CONTACT - BERYLLIUM COPPER - GOLD PLATED (.000030" MIN.)
INSULATOR - PTFE

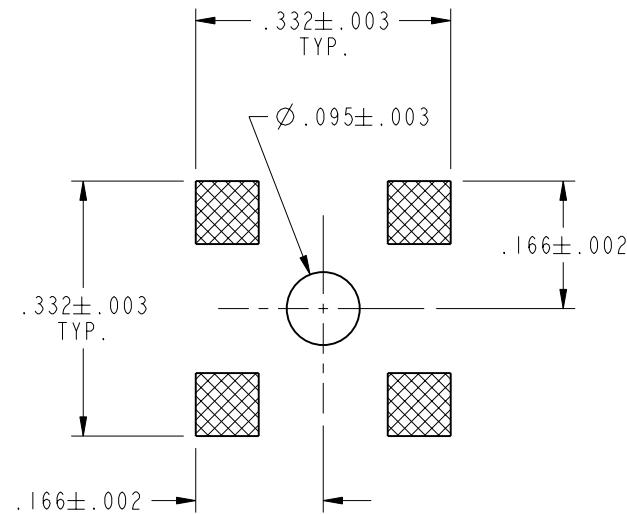
2. PHYSICAL:

A. OPERATING TEMPERATURE = -65°C to +165°C
B. DURABILITY = 100 MATING CYCLES MINIMUM
C. INTERFACE = PROPRIETARY AFI INTERFACE
D. RADIAL FLOAT = ±.015

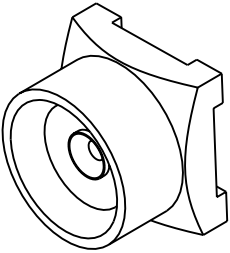
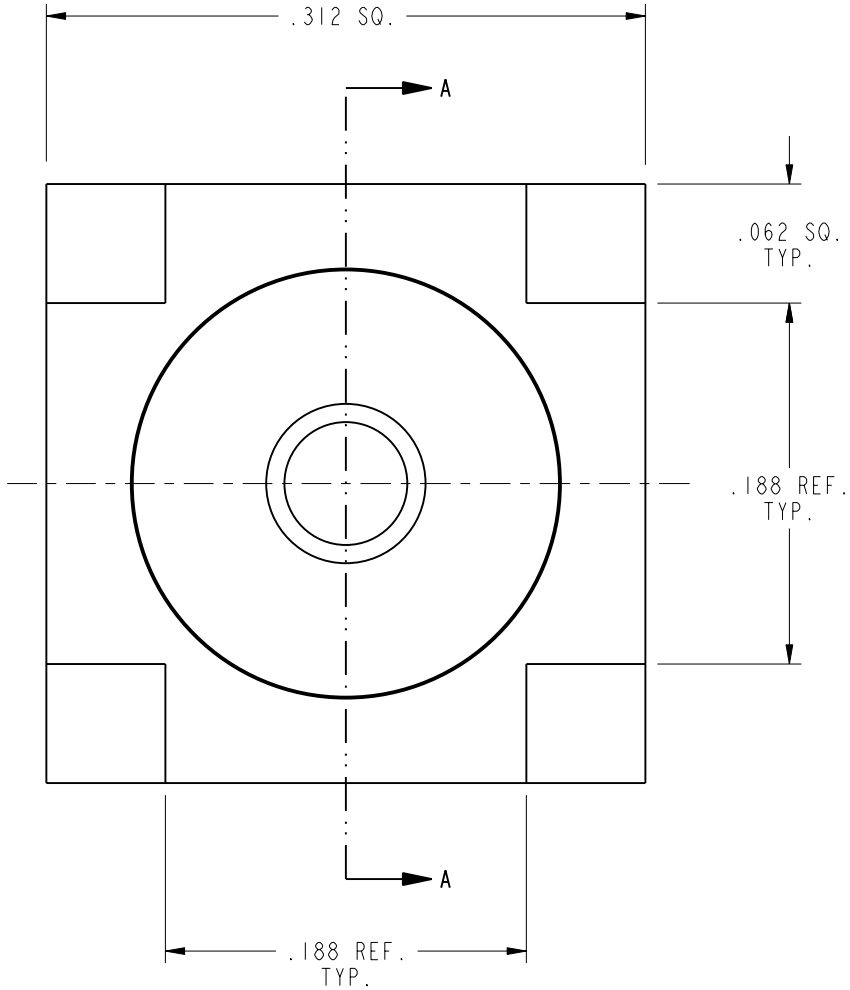
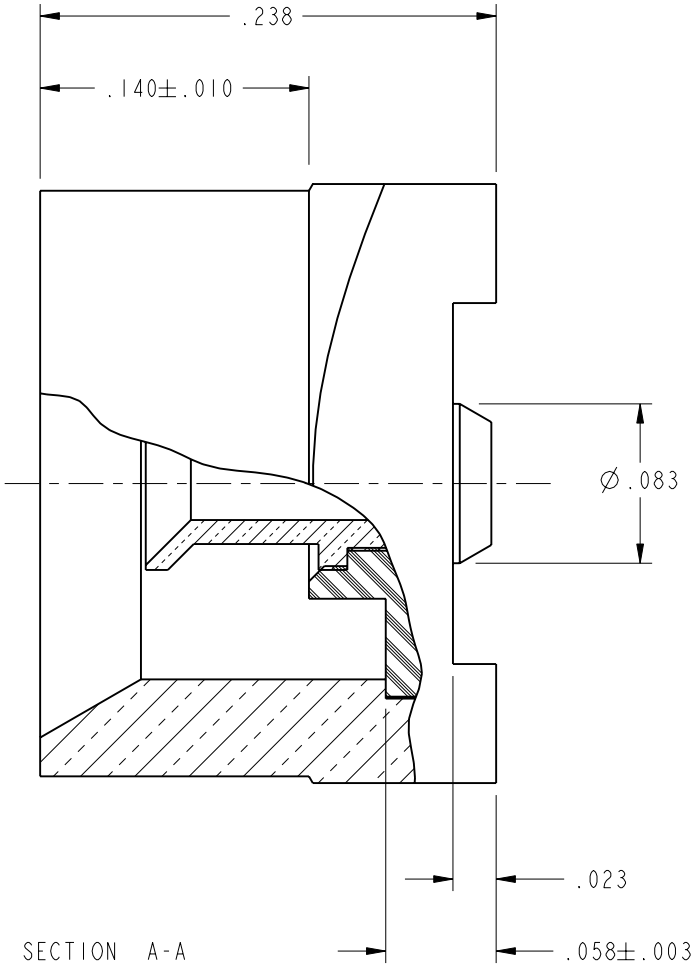
3. ELECTRICAL:

A. IMPEDANCE = 50 OHMS, NOMINAL
B. FREQUENCY RANGE = DC TO 6.0 GHz
C. RETURN LOSS = 25 dB MINIMUM

4. APPLICATION: SEE 349-50722 FOR ADDITIONAL INFORMATION REGARDING
RECOMMENDED APPLICATION CONFIGURATION DETAILS.



RECOMMENDED
PCB LAYOUT
SCALE 5.000



SCALE 3.000

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN B.C. GLEISSNER	DATE 11-Aug-04	TITLE AFI-50 JACK, SURFACE MOUNT, SMOOTH BORE			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
		ENGINEER B.C. GLEISSNER	DATE 17-Jan-03						
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	EAR# 837 GEN# ASSYFI7_AFI	CAD FILE I:\AFI\920-160J-51P							
								SCALE: 10.0:1	SHEET