

NOTES:

I. MATERIALS AND FINISHES:

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

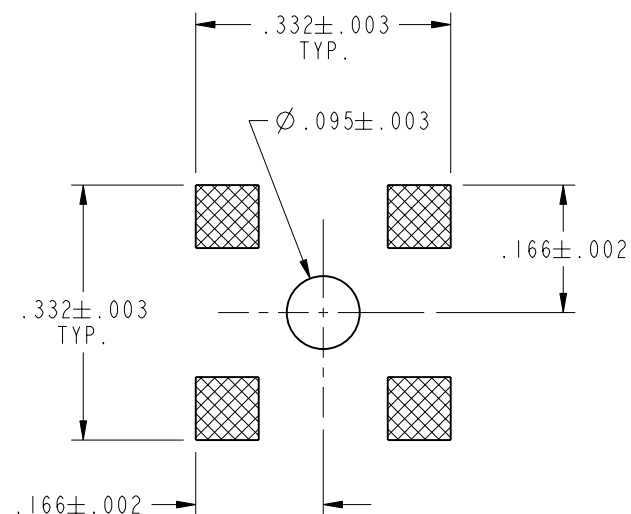
2. PHYSICAL:

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

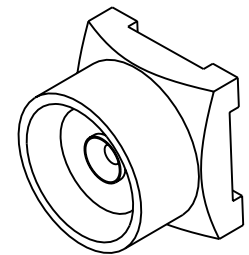
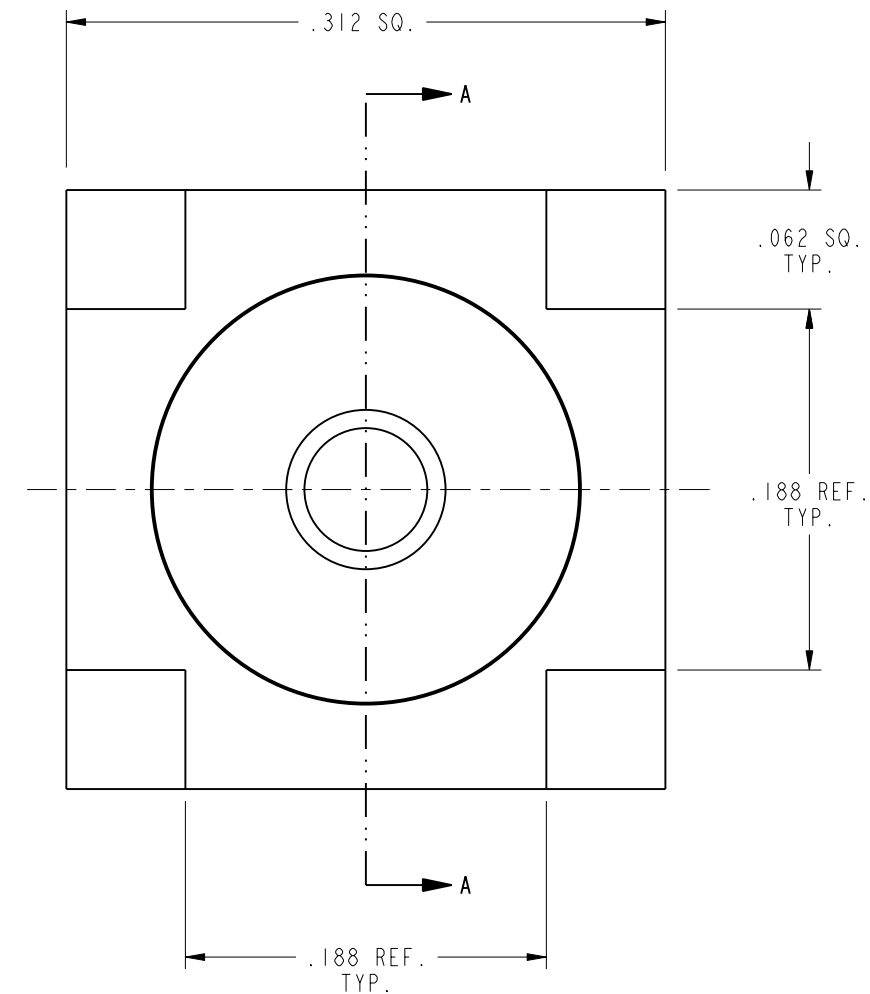
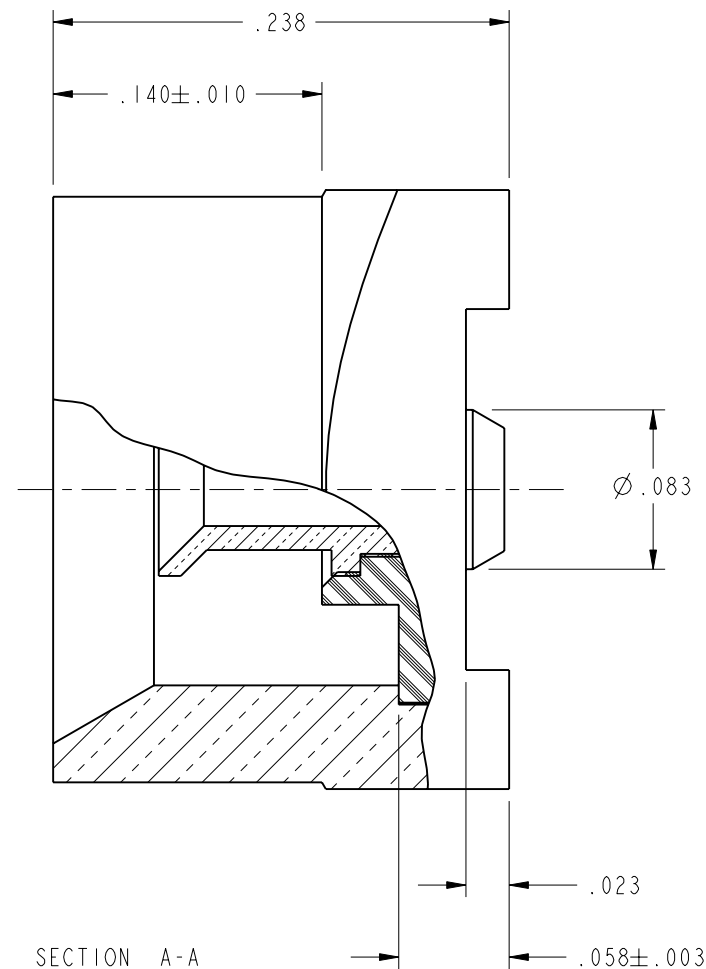
3. ELECTRICAL:

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		DATE		TITLE AFI-50 JACK, SURFACE MOUNT, SMOOTH BORE			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE 615X-1875-200		ENGINEER		DATE							
			B.C. GLEISSNER		17-Jan-03							
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GEN# ASSYF17_AFI		O. BARTHELMES		8/26/04								
			CAD FILE			CODE ID		DWG SIZE	DRAWING NO.			REV
			I:\AFI\920-160J-51P			74868		B	920-160J-51P			B