

## NOTES:

## 1. MATERIALS AND FINISHES:

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

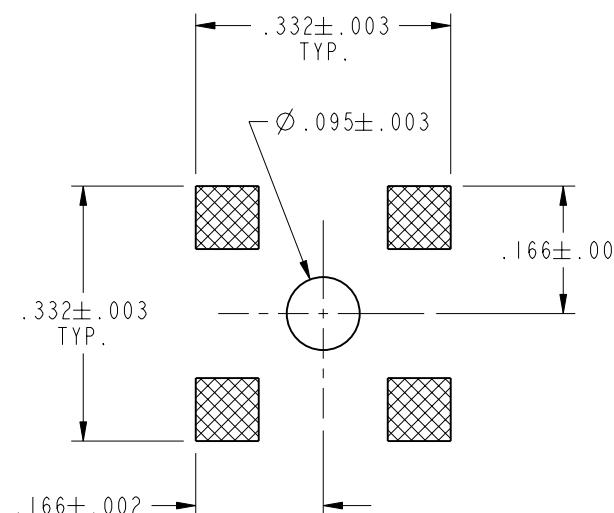
## 2. PHYSICAL:

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:

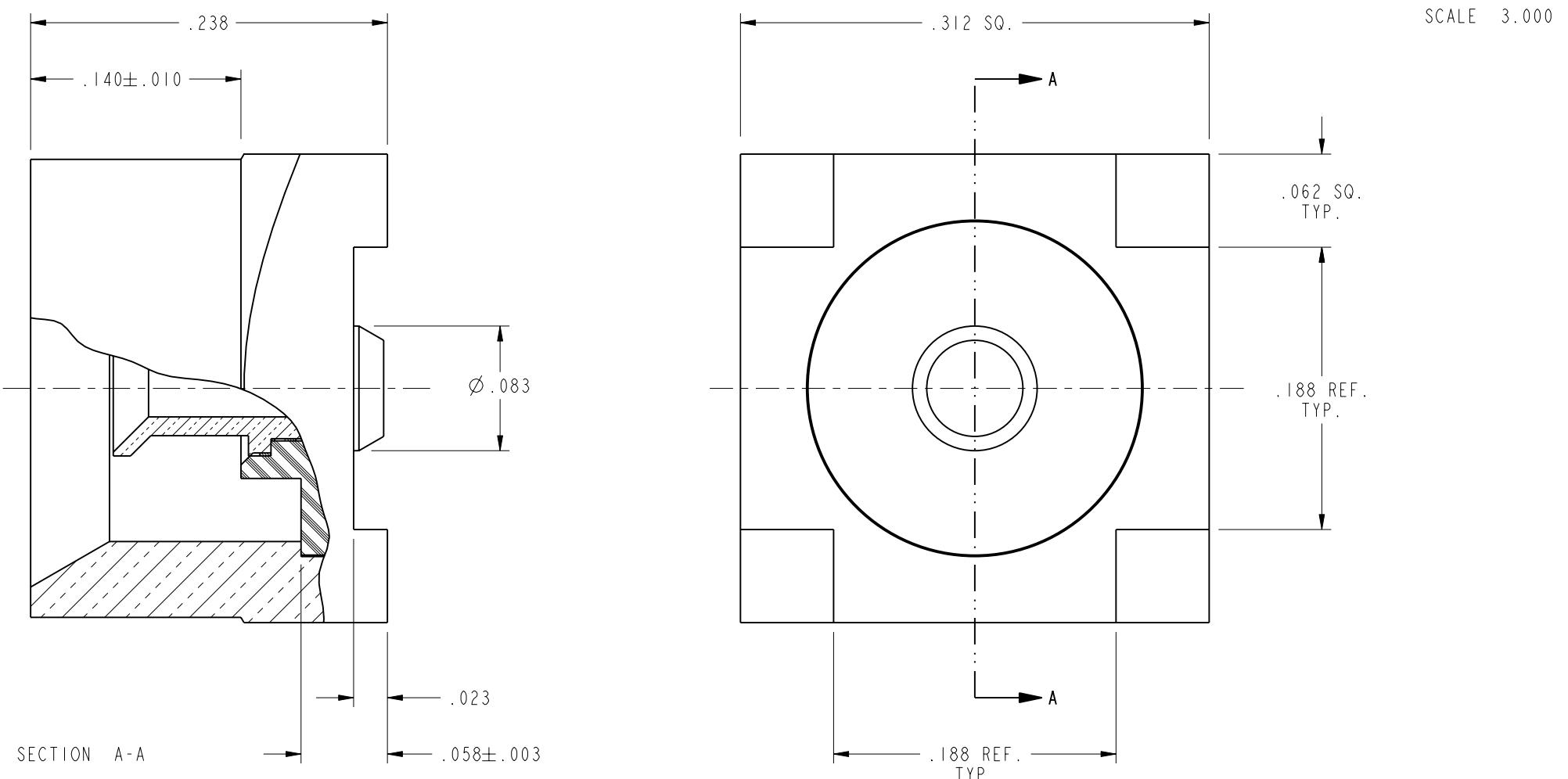
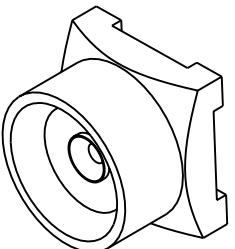
A. IMPEDANCE	= 50 OHMS, NOMINAL
B. FREQUENCY RANGE	= DC TO 6.0 GHz
C. RETURN LOSS	= 25 dB MINIMUM

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

RECOMMENDED  
PCB LAYOUT

SCALE 5.000

920-160J-51P		REVISIONS			
DRAWING NO.	REV	DESCRIPTION		DATE	ECO
THIRD ANGLE PROJ.	A	RELEASE TO MFG.		8/26/04	45111
	B	CHGD NOTE 3B TO REFLECT FREQ. RANGE TO : DC-6 GHz		12/5/05	45833



## 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
±.015 (0.381 mm)	±.005 (0.127 mm)
ANGLES ± 1°	
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MATERIAL	DRAWN	DATE	TITLE	Amphenol RF	
	B.C. GLEISSNER	11-Aug-04		Danbury, CT, USA	
	ENGINEER	DATE		Tainan, Taiwan	
	B.C. GLEISSNER	17-Jan-03		Shenzhen, China	
	REFERENCE 615X-1875-200	APPROVED		www.amphenolrf.com	
EAR# 837 GEN# ASSYF17-AFI	O. BARTHELMES	DATE 8/26/04		SCALE: 10.0:1	SHEET 2 OF 2
	CAD FILE I:\AF1\920-160J-51P	CODE ID 74868	DWG SIZE B	DRAWING NO. 920-160J-51P	REV B