NOTES:

1. MATERIALS AND FINISHES:

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

2. PHYSICAL:

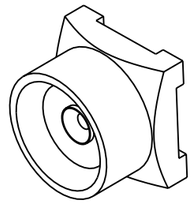
   A. OPERATING TEMPERATURE = -65°C to +165°C
   B. DURABILITY = 100 MATING CYCLES MINIMUM
   C. INTERFACE = PROPRIETARY AFI INTERFACE
   D. RADIAL FLOAT = ±.015

3. ELECTRICAL:

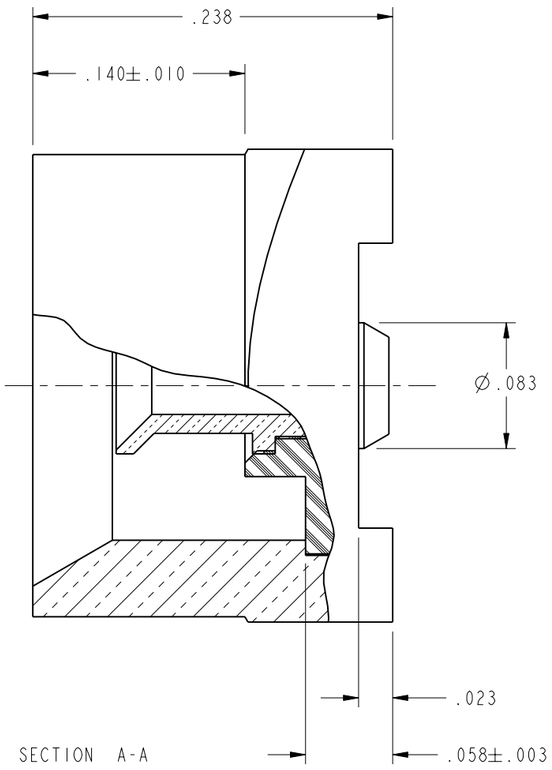
   A. IMPEDANCE = 50 OHMS, NOMINAL
   B. FREQUENCY RANGE = DC TO 6.0 GHz
   C. RETURN LOSS = 25 dB MINIMUM

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

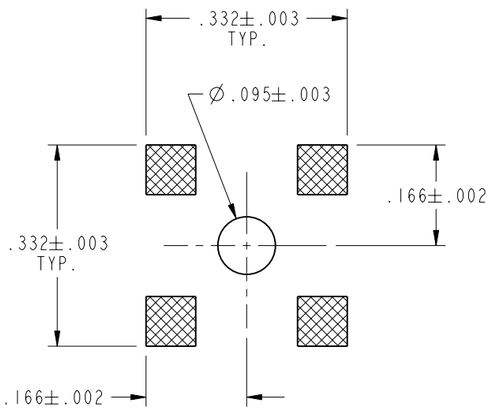
920-160J-5IP	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	8/26/04	45111	BCG
	B	CHGD NOTE 3B TO REFLECT FREQ. RANGE TO : DC-6 GHz	12/5/05	45833	HP



SCALE 3.000

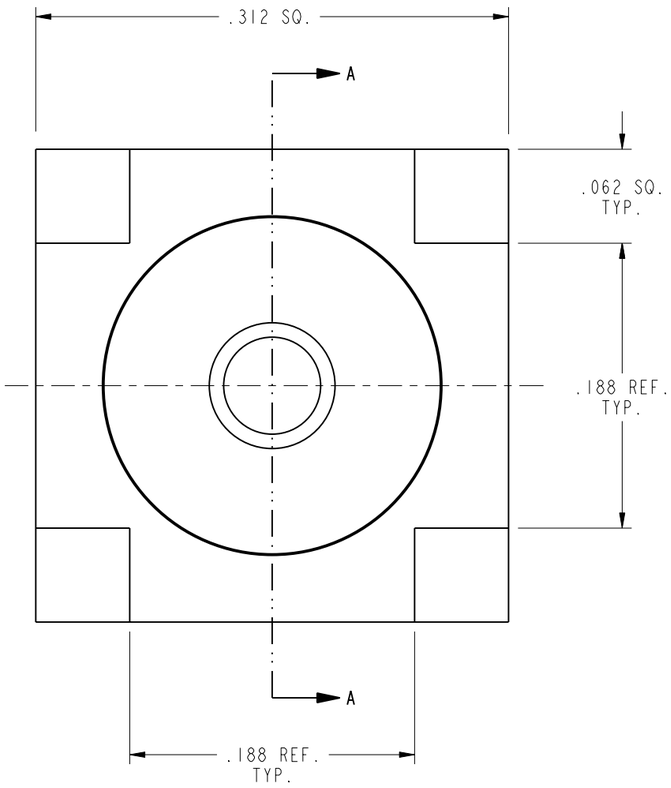


SECTION A-A



RECOMMENDED
PCB LAYOUT

SCALE 5.000



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

REFERENCE
615X-1875-200

EAR# 837
GEN# ASSYFI7_AFI

DRAWN	B.C. GLEISSNER	DATE 11-Aug-04
ENGINEER	B.C. GLEISSNER	DATE 17-Jan-03
APPROVED	O. BARTHELMES	DATE 8/26/04
CAD FILE	I:\AFI\920-160J-5IP	

TITLE: AFI-50 JACK, SURFACE MOUNT, SMOOTH BORE

Amphenol RF
Danbury, CT, USA
Tainan, Taiwan
Shenzhen, China
www.amphenolrf.com

SCALE: 10.0:1	SHEET 2 OF 2

CODE ID	DWG SIZE	DRAWING NO.	REV
74868	B	920-160J-5IP	B