

NOTES:

1. MATERIALS AND FINISHES:

BODY - ZINC DIECAST - MATTE TIN PLATED (.000100" MIN)
CONTACT - BERYLLIUM COPPER - GOLD PLATED (.000030" MIN)
INSULATORS - PTFE AND TPX

2. ELECTRICAL:

A. IMPEDANCE = 75 OHM, NOMINAL
B. FREQUENCY RANGE = DC TO 6 GHz
C. RETURN LOSS = -25dB FROM DC - 1GHz & -18dB FROM 1GHz TO 3 GHz

3. MECHANICAL:

A. DURABILITY = 200 CYCLES MIN.
B. TEMPERATURE RANGE = -65° C TO +165° C
C. ENGAGEMENT FORCE = 5.0 LBS MAX.
DISENGAGEMENT FORCE = 0.5 LBS. MIN.

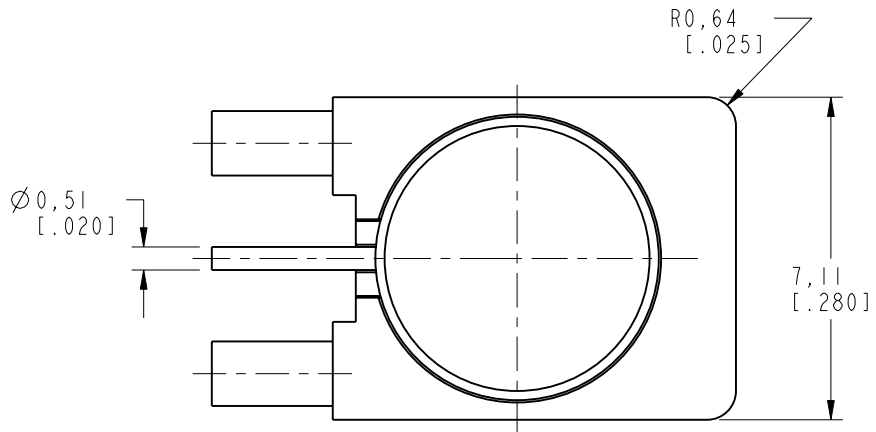
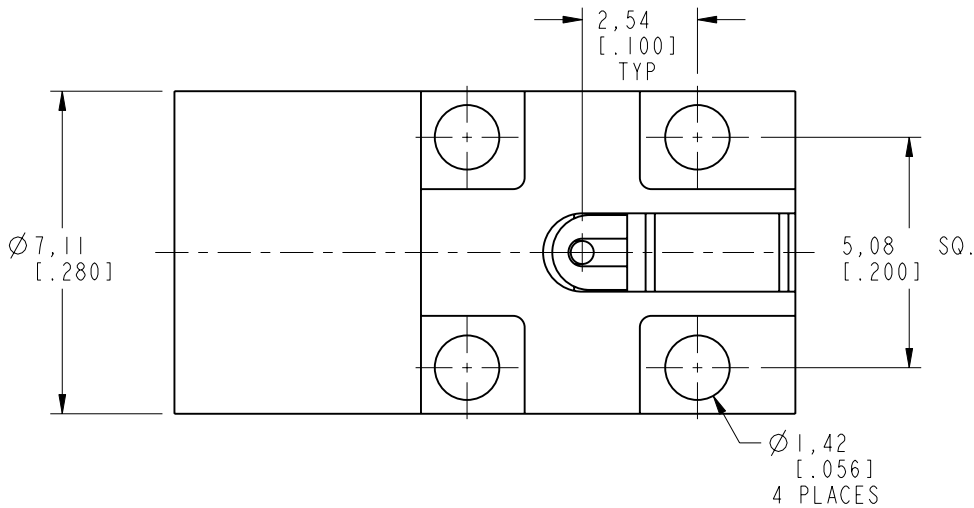
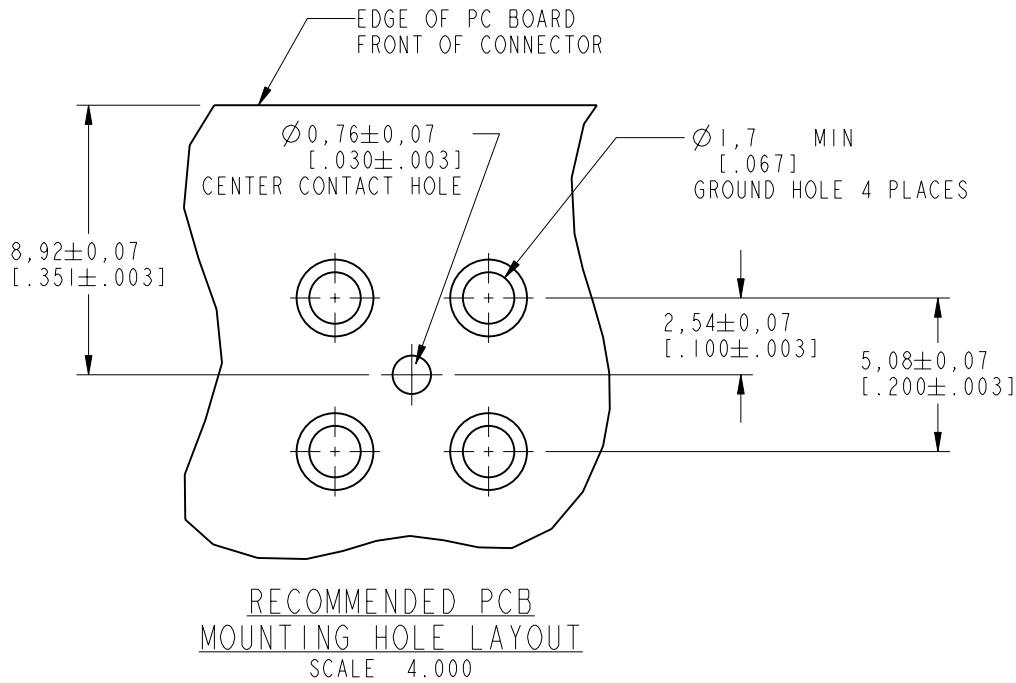
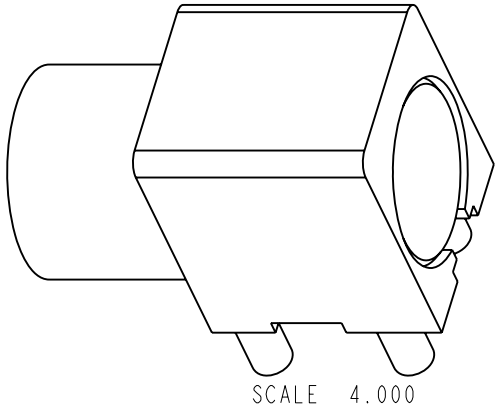
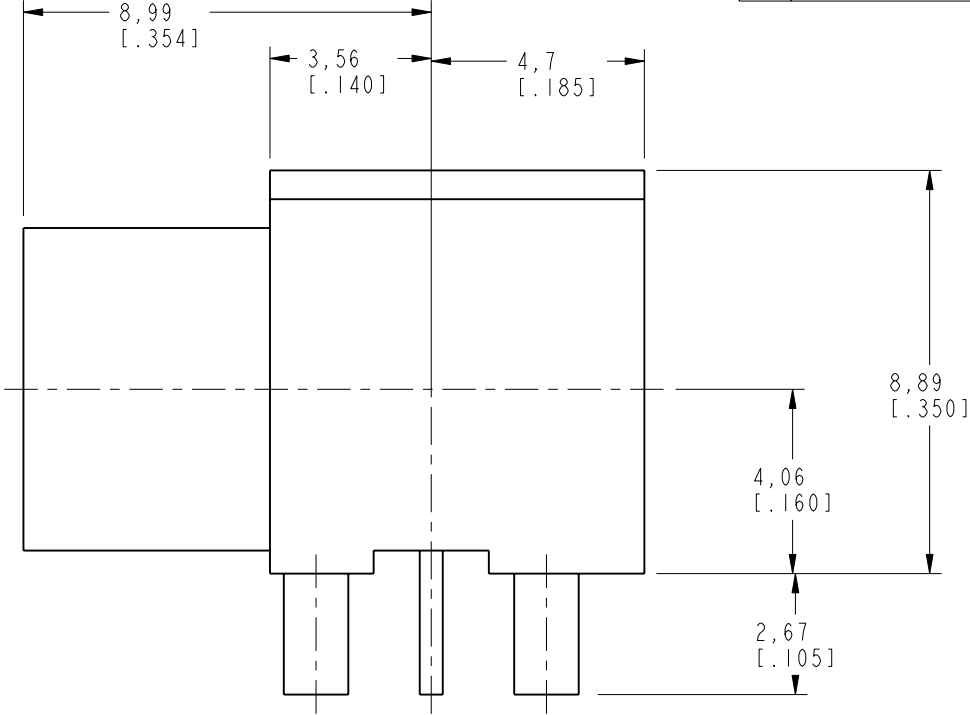
4. MARKING & PACKAGING:

A. PROTECTIVE TRAYS
B. TRAY TO BE MARKED: AMPHENOL, 920-142J-71A, AND DATE CODE
C. PART SHALL BE LEGIBLY MARKED "AMPHENOL"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	-----	-----	JML
B	SEE SHEET 1	-----	-----	MAH
C	.354 WAS .361, MATTE TIN PLATING WAS BRIGHT ACID	4/10/06	45865	MAH
D	DURABILITY UPDATED	8/3/07	46675	TC
E	SYNCH THE DRAWING WITH DANBURY	06-Sep-11	48764	SH



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL

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REFERENCE
EAR# 1131
GEN# ASSYF20_AFI
615X-1984-100

FINISH

DRAWN
R. MAO

DATE
31-Aug-11

ENGINEER
M. HOYACK

DATE
10/02/03

APPROVED
S. HSIEH

DATE
31-Aug-11

CAD FILE

TITLE
AFI-75 JACK
RIGHT ANGLE
SMOOTHBORE PCB

SCALE: 6.0:1.0 | SHEET 2 OF 2

DWG SIZE
B

REV
E

Amphenol RF

www.amphenolrf.com

DRAWING NO. 920-142J-71A

ITEM NO. 920-142J-71A

PART NO. 920-142J-71A