NOTES:

1. ELECTRICAL:
   - A: IMPEDENCE: 50Ω, NOMINAL
   - B: FREQUENCY RANGE: 0-6 GHz (VSWR: 1.2 MAX. DC-3 GHz, 1.4 MAX. 3-6 GHz)
   - C. CONTACT RESISTANCE: 120 mΩ MAX
   - D. DIELECTRIC WITHSTANDING VOLTAGE: 250VAC FOR 1 MINUTE,
   - E. INSULATION RESISTANCE: 500 MEGOHMS MIN.
   - F. INSERTION LOSS: 0.1dB MAX. @ DC-3 GHz
     0.2dB MAX. @ 3-6 GHz
   - G. ISOLATION: 20dB MIN. @ DC-3 GHz
     15dB MIN. @ 3-6 GHz
   - H. POWER: 2W MAX.

2. PHYSICAL:
   - A. TEMPERATURE RANGE: -40°C TO +85°C
   - B. DURABILITY: 500 CYCLES
   - C. SUITABLE FOR LEAD-FREE SOLDER REFLOW PROCESS PER AMPHENOL SPEC. 349-50712

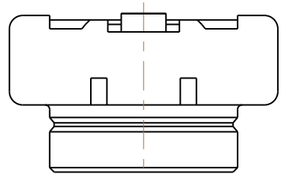
3. MATERIALS AND FINISHES:
   SHELL - BRASS(C2680R-T0.15), Au(.05UM MIN) OVER Ni (35-190uIN) PLATING.
   A-PIN(MOVING) -STAINLESS STEEL (SUS301,T0.08), Au(5 uIN MIN) OVER Ni (35-150uIN) PLATING
   B-PIN(FIXED) - PHOSPHOR BRONZE (C5191,T0.10), Au(5 uIN MIN) OVER Ni (35-150uIN) PLATING
   MOLD - LCP

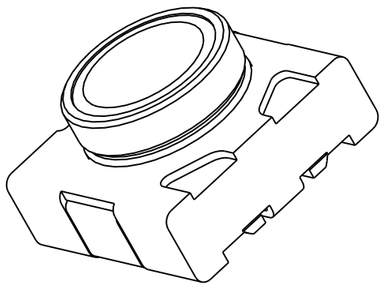
4. TAPE AND REEL QUANTITY : 1000 PIECES

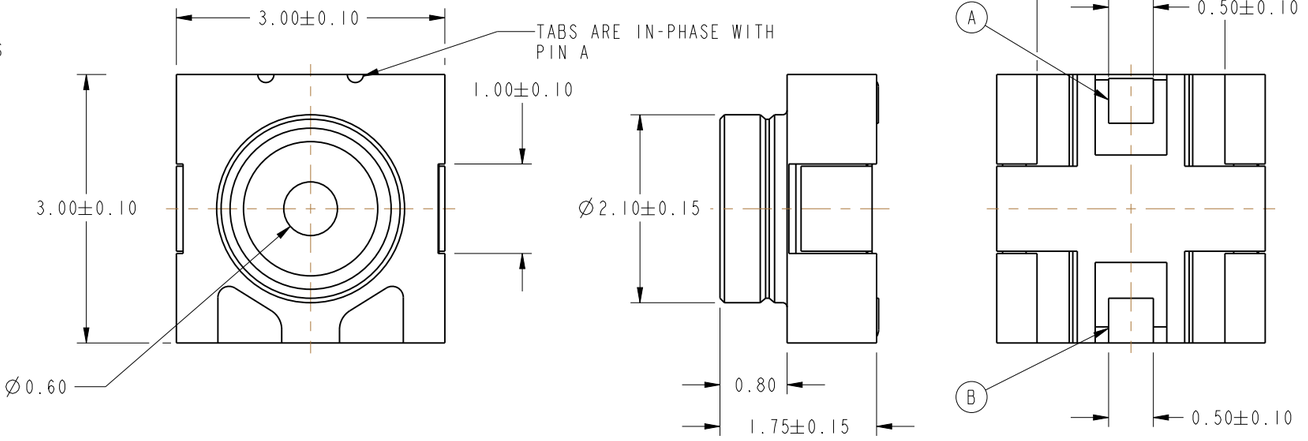
THIRD ANGLE PROJ.

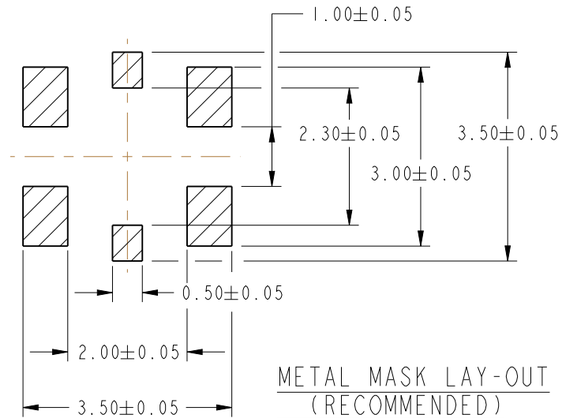
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	3/5/08	46979	NMV
B	UPDATED TEMPERATURE RANGE TO -40	4/2/09	47532	TRC
C	ADDED NOTE 4	1/21/13	49403	EW
D	CYCLES WAS 2000, 250 VAC WAS 100VAC, MATERIALS UPDATED, 0.80 WAS .75 ADDED NOTCH,CONTACT RESISTANCE WAS 50 mΩ INNER 40 mΩ OUTER , INSULATION RESISTANCE WAS 1000 MΩ MATERIAL WAS BeCu ADDED INPUT TERMINAL MATERIAL	3/3/14	49763	EW

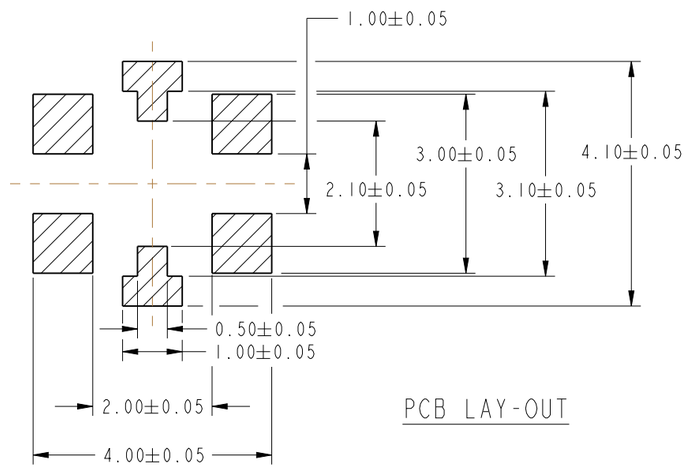






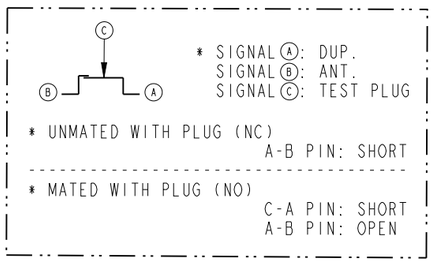


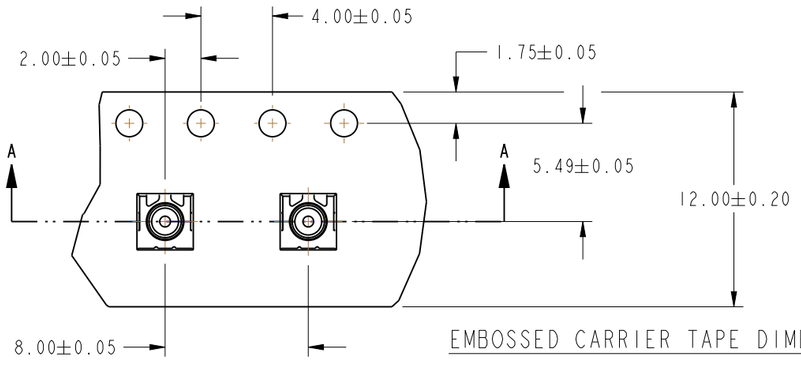
METAL MASK LAY-OUT
(RECOMMENDED)



PCB LAY-OUT

NOTE:
1. COPLANARITY: MAX. 0.1
2. OTHERWISE TOLERANCE: ±0.2
3. RF SWITCH CIRCUIT DIAGRAM:





EMBOSSED CARRIER TAPE DIMENSIONS

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
±0.1mm	±0.2mm	± 0.3mm	±1°

MATERIAL TABS
SEE NOTES

FINISH

REFERENCE
EAR 2750 AND 902-9040

CONFIGURATION LEVEL: Prototype

DRAWN	PRAVEEN N.B	DATE 27-Dec-06
ENGINEER	PRAVEEN N.B	DATE 27-Dec-06
APPROVED	H. PARIKH	DATE 3/5/08

CAD FILE
Root Folder/Switch/902-9040

TITLE
RF SWITCH
ASSEMBLY

SCALE: 12.0:1.0 | SHEET 1 OF 1

DWG SIZE	CODE ID	REV
B	74868	D

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

DRAWING NO. 902-9040
ITEM NO. 902-9040
PART NO. 902-9040