

NOTES:

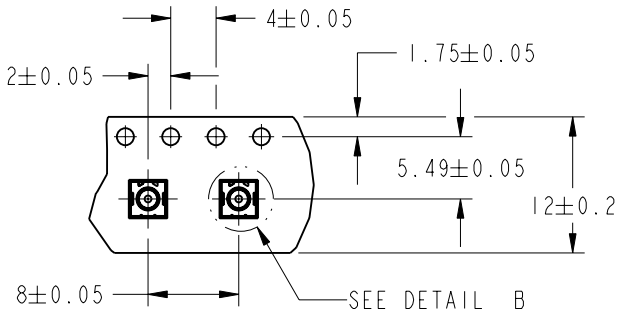
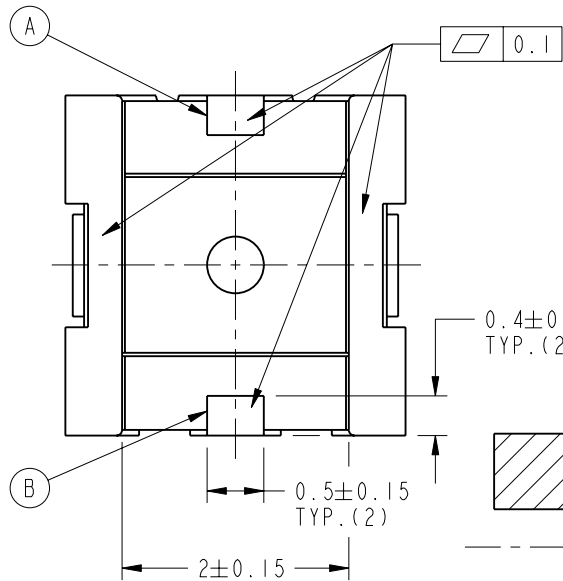
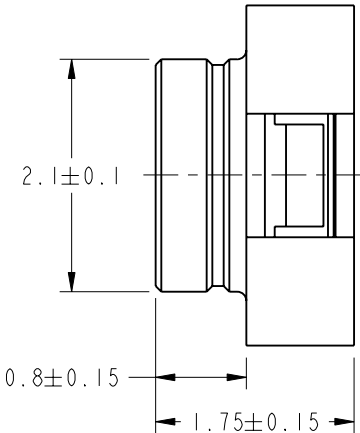
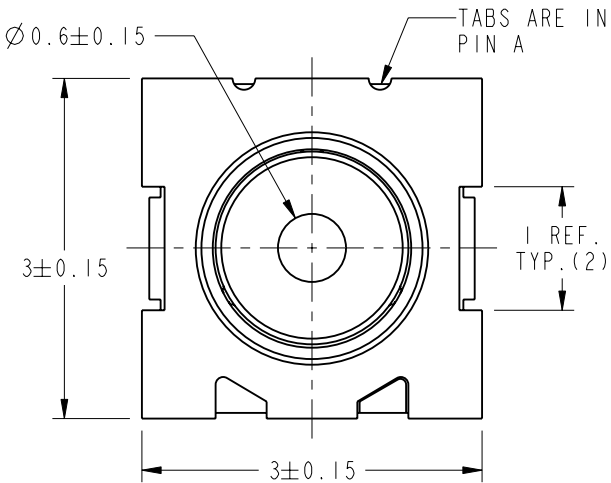
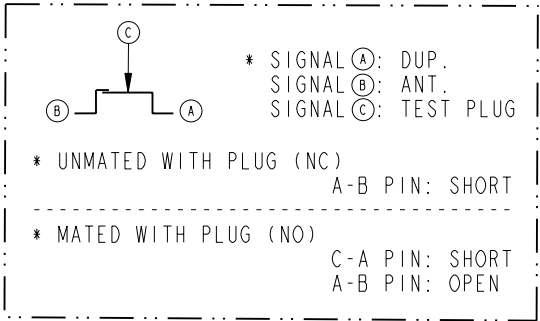
1. ELECTRICAL:
- A. IMPEDENCE: 50Ω, NOMINAL
 - B. FREQUENCY RANGE: DC-6 GHz
 - C. VSWR: 1.2 MAX. @ DC-3 GHz, 1.4 MAX. @ 3-6 GHz
 - D. CONTACT RESISTANCE: 120 mΩ MAX
 - E. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE,
 - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
 - G. INSERTION LOSS: 0.1dB MAX.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

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

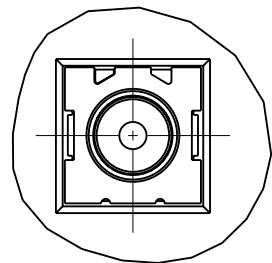
3. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
- SHELL - COPPER ALLOY, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 2 MIN, SOLDERING AREA GOLD FLASH
 - A-PIN(MOVING) -STAINLESS STEEL, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 5 MIN, SOLDERING AREA GOLD FLASH
 - B-PIN(FIXED) - COPPER ALLOY, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 5 MIN, SOLDERING AREA GOLD FLASH
 - MOLD - ENGINEERING PLASTIC, UL 94V-0, BLACK

4. PACKAGING:
- A. TAPE AND REEL PACKAGING.
 - B. QTY : 3K PCS/REEL(Ø330MM)
 - C. LEAVE 20 EMPTY POCKETS IN THE
BEGINNING AND END OF EACH REEL.

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

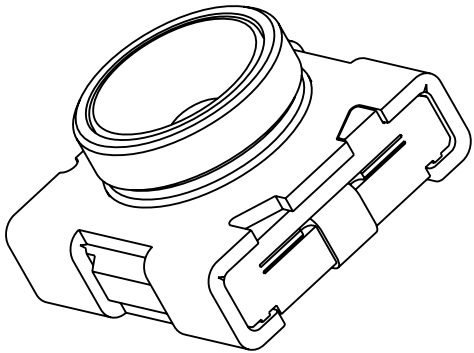


SCALE 1.500
EMBOSSED CARRIER TAPE DIMENSIONS



DETAIL B
SCALE 6.000

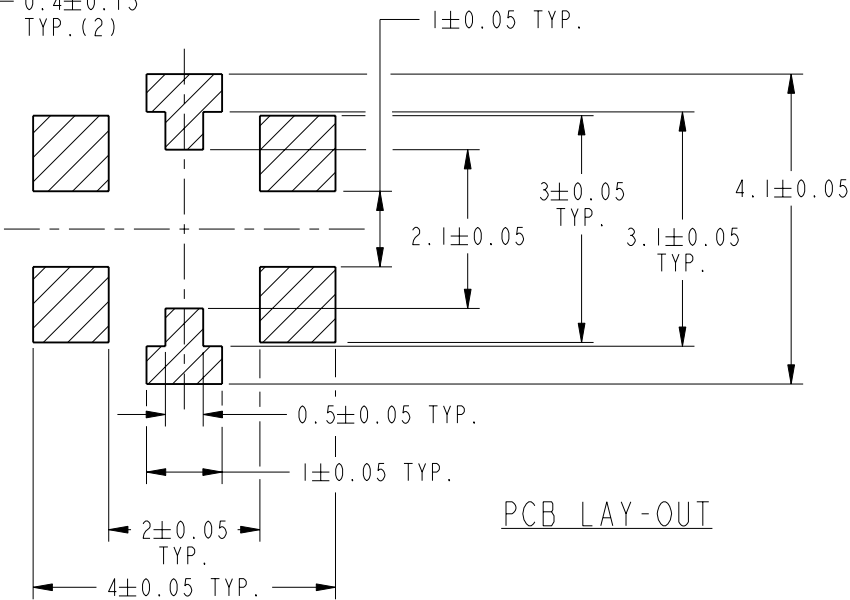
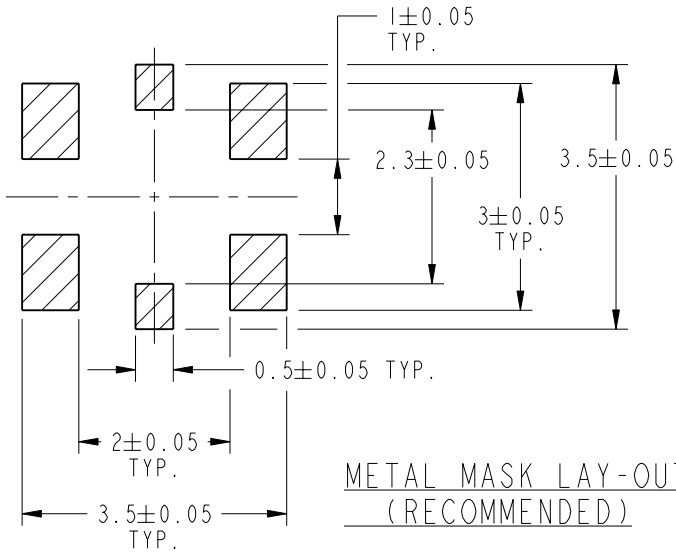
THIRD ANGLE PROJ.



SCALE 15.000

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
E	SYNC THE DRAWING WITH DANBURY\RD-DMI4111201T1	24-Nov-14	50189	RC



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL
REFERENCE EAR # 2750 AND 902-9040
CONFIGURATION LEVEL:
FINISH

DRAWN TANGOR	DATE 24-Nov-14
ENGINEER PRAVEEN N.B	DATE 27-Dec-06
APPROVED RICKSON	DATE 24-Nov-14
CAD FILE	

TITLE	
RF SWITCH	
ASSEMBLY	
SCALE: 13.0:1.0	SHEET 1 OF 1
DWG SIZE	REV
B	E

Amphenol RF www.amphenolrf.com
DRAWING NO. 902-9040
ITEM NO. 902-9040
PART NO. 902-9040