

NOTES:

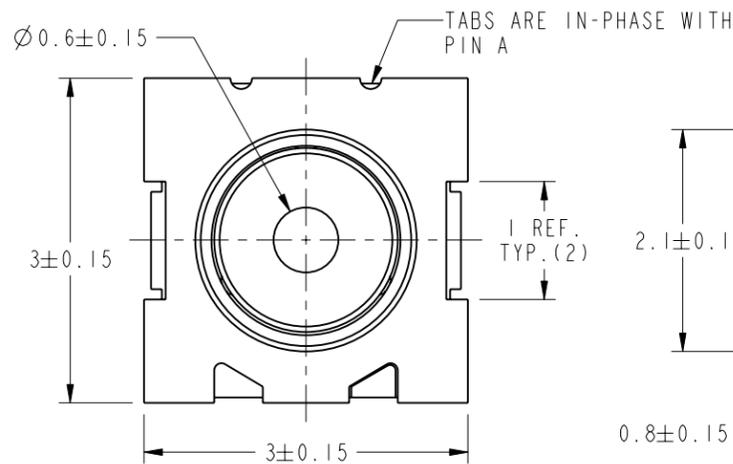
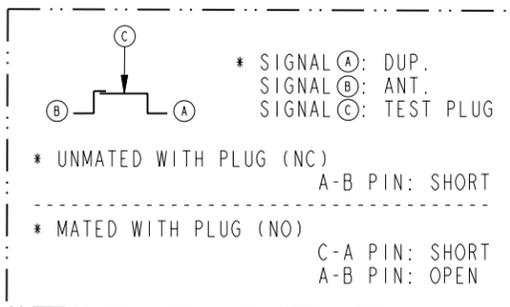
1. ELECTRICAL:
 - A. IMPEDENCE: 50Ω, NOMINAL
 - B. FREQUENCY RANGE: DC-6 GHz
 - C. VSWR: 1.2 MAX. @ DC-3 GHz, 1.4 MAX. @ 3-6 GHz
 - D. CONTACT RESISTANCE: 120 mΩ MAX
 - E. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE,
 - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
 - G. INSERTION LOSS: 0.1dB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

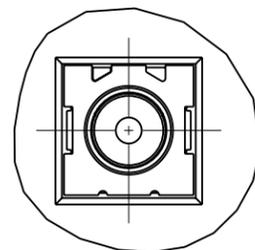
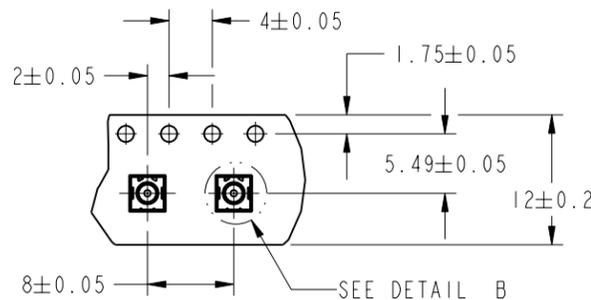
3. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
 - SHELL - COPPER ALLOY, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 2 MIN, SOLDERING AREA GOLD FLASH
 - A-PIN(MOVING) -STAINLESS STEEL, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 5 MIN, SOLDERING AREA GOLD FLASH
 - B-PIN(FIXED) - COPPER ALLOY,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

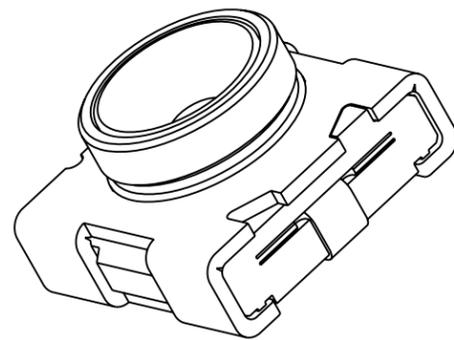
- NOTE:
1. COPLANARITY: MAX. 0.1
 2. OTHERWISE TOLERANCE: ±0.2
 3. RF SWITCH CIRCUIT DIAGRAM:



SCALE 1.500
EMBOSSED CARRIER TAPE DIMENSIONS



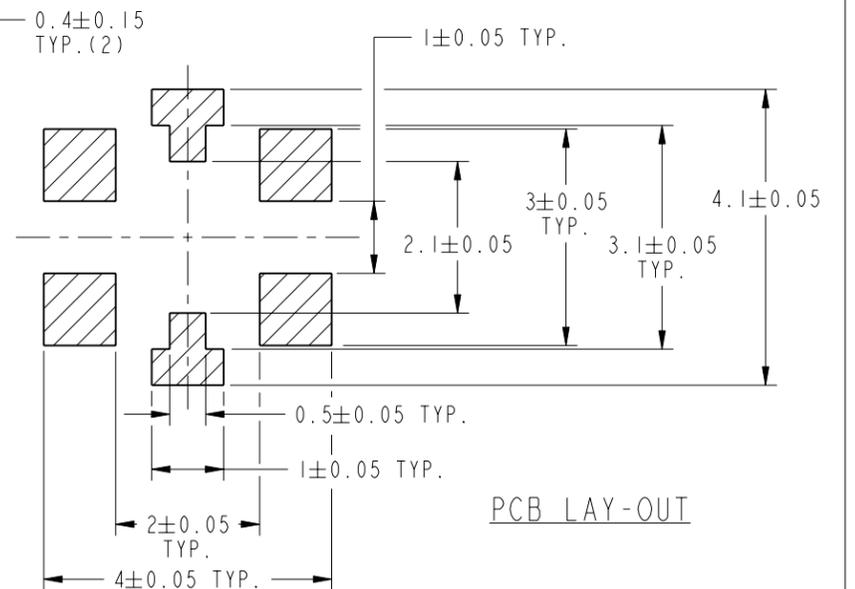
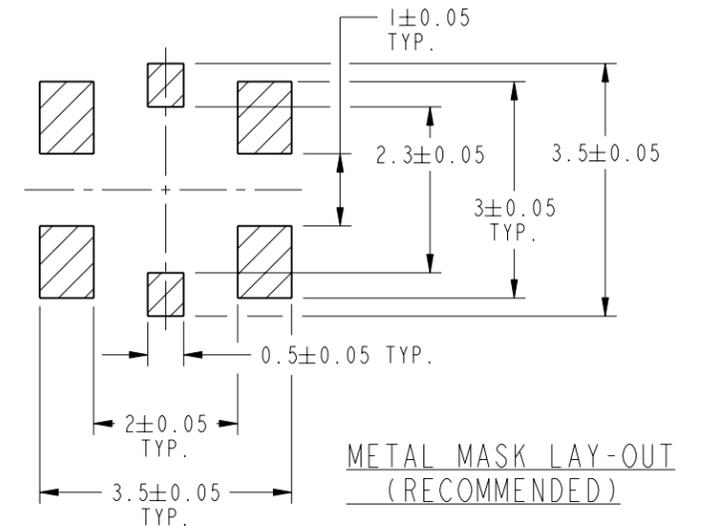
DETAIL B
SCALE 6.000



SCALE 15.000

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
E	SYNC THE DRAWING WITH DANBURY\RD-DMI411120IT1	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 ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°

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MATERIAL	DRAWN TANGOR	DATE 24-Nov-14	TITLE RF SWITCH ASSEMBLY	Amphenol RF www.amphenolrf.com
REFERENCE EAR # 2750 AND 902-9040	ENGINEER PRAVEEN N.B	DATE 27-Dec-06		
CONFIGURATION LEVEL:	APPROVED RICKSON	DATE 24-Nov-14	SCALE: 13.0:1.0 SHEET 1 OF 1	DRAWING NO. 902-9040
FINISH	CAD FILE	DWG SIZE B	REV E	ITEM NO. 902-9040
				PART NO. 902-9040

Mouser Electronics

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