

NOTES:

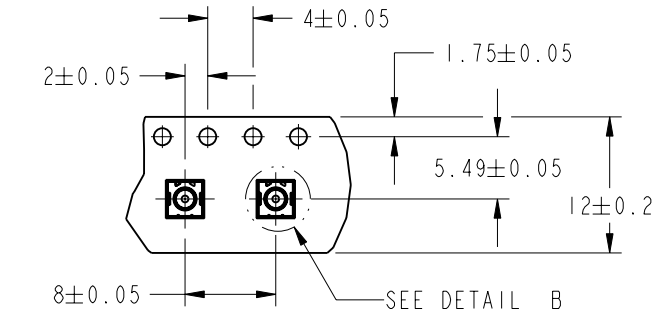
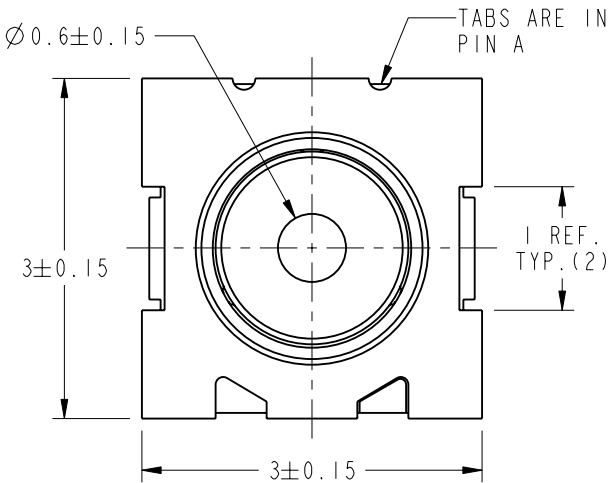
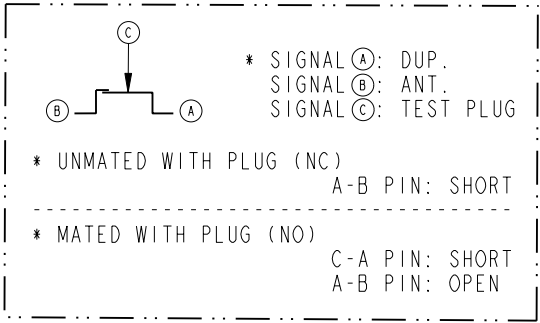
1. ELECTRICAL:
- A. IMPEDENCE: 50Ω, NOMINAL
 - B. FREQUENCY RANGE: DC-6 GHz
 - C. VSWR: 1.2 MAX. @ DC-3 GHz, 1.4 MAX. @ 3-6 GHz
 - D. CONTACT RESISTANCE: 120 mΩ MAX
 - E. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE,
 - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
 - G. INSERTION LOSS: 0.1dB MAX.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

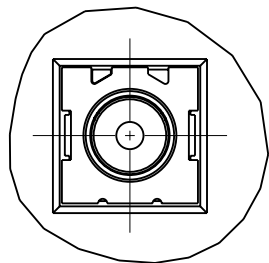
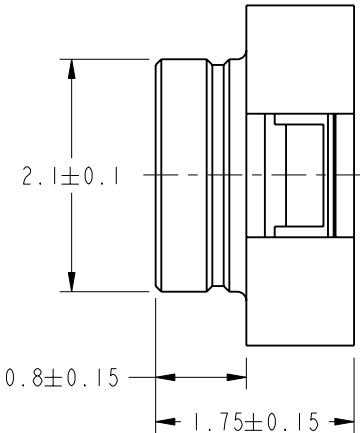
3. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
- SHELL - COPPER ALLOY, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 2 MIN, SOLDERING AREA GOLD FLASH
 - A-PIN(MOVING) -STAINLESS STEEL, 50 MIN. NICKEL OVERALL, CONTACT AREA AU 5 MIN, SOLDERING AREA GOLD FLASH
 - B-PIN(FIXED) - COPPER ALLOY, 50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

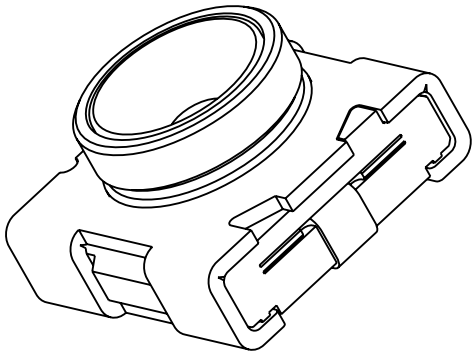


SCALE 1.500
EMBOSSED CARRIER TAPE DIMENSIONS



DETAIL B
SCALE 6.000

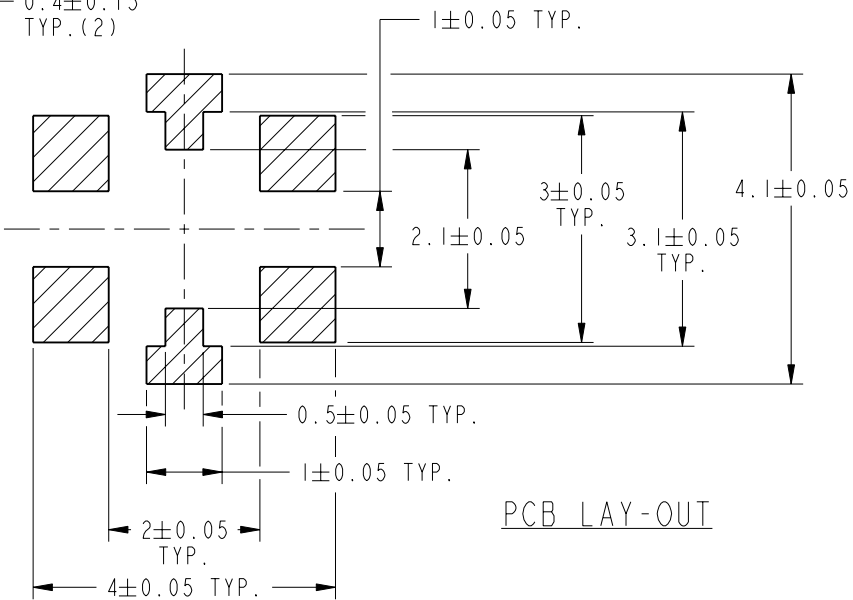
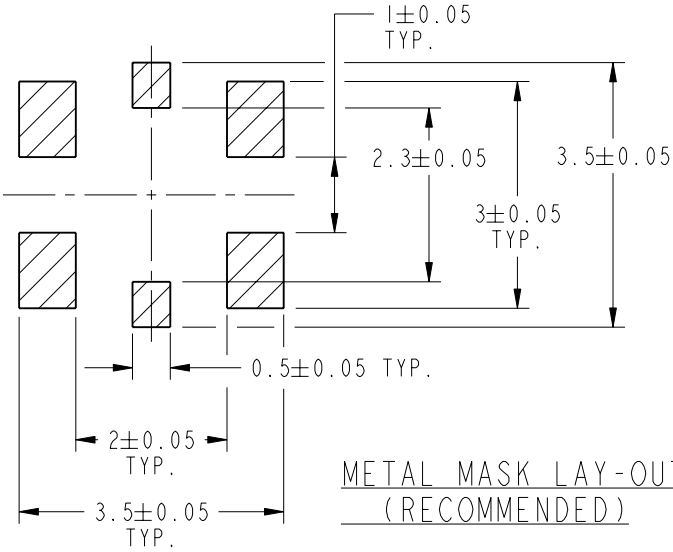
THIRD ANGLE PROJ.



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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

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	SCALE: 13.0:1.0 SHEET 1 OF 1	DRAWING NO. 902-9040
CONFIGURATION LEVEL:	APPROVED RICKSON	DATE 24-Nov-14	DWG SIZE B	ITEM NO. 902-9040
FINISH	CAD FILE		REV E	PART NO. 902-9040

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[902-9040](#)