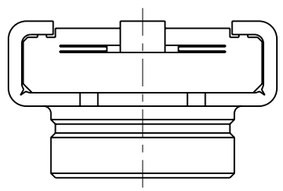
NOTES:

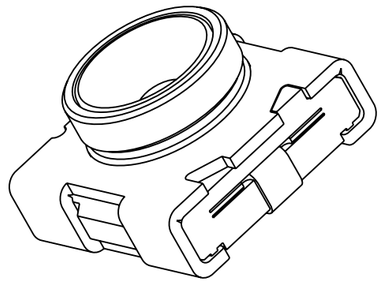
1. ELECTRICAL:
   - A: IMPEDENCE: 50Ω, NOMINAL
   - B: FREQUENCY RANGE: DC-6 GHz
   - C. VSWR: 1.2 MAX. @ DC-3 GHz, 1.4 MAX. @ 3-6 GHz
   - D. CONTACT RESISTANCE: 120 mΩ MAX
   - E. DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE,
   - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
   - G. INSERTION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



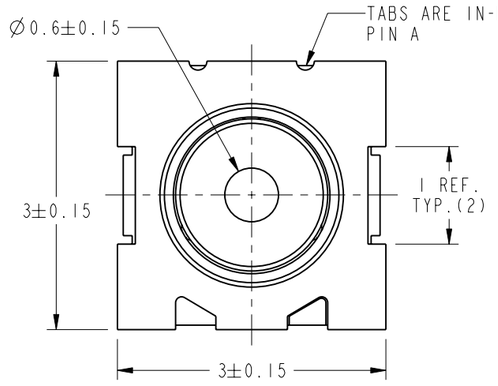


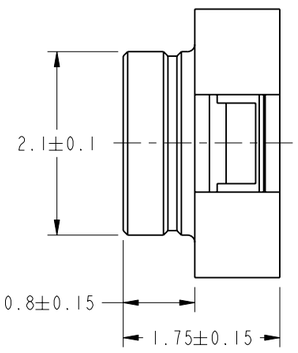
SCALE 15.000

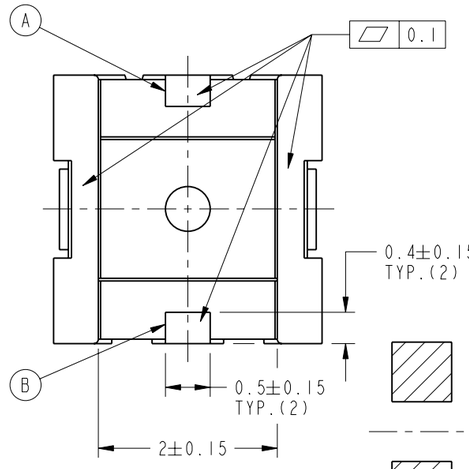
THIRD ANGLE PROJ.

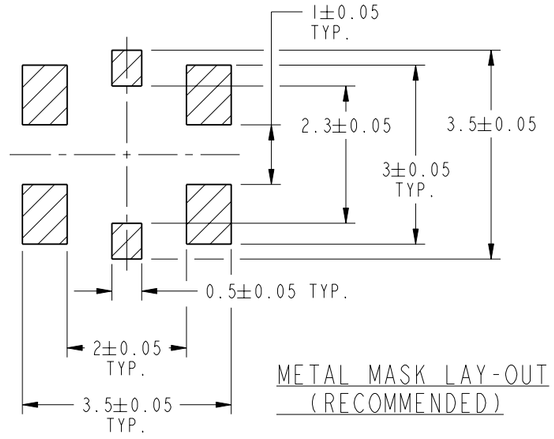
REVISIONS

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-DM14111201T1	24-Nov-14	50189	RC

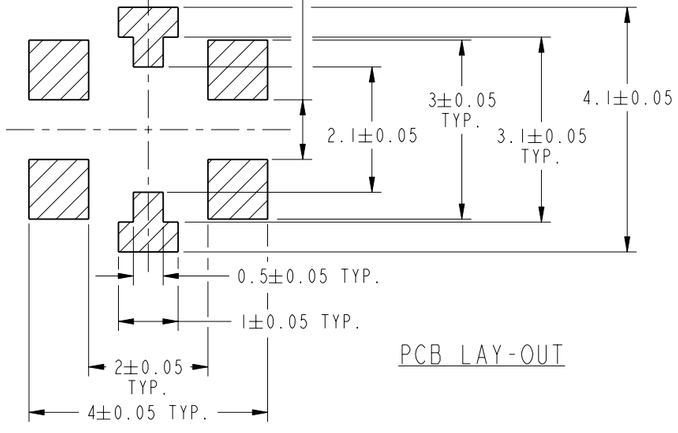






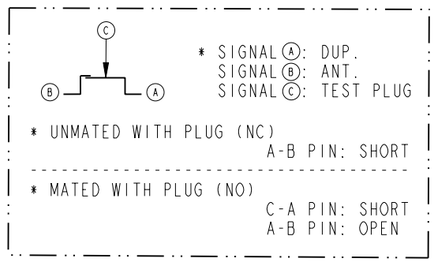


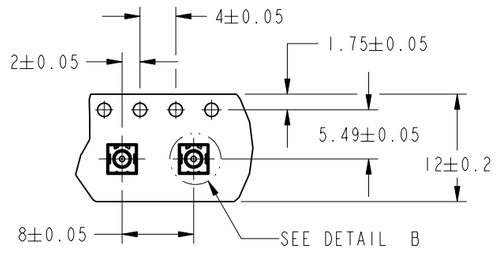
METAL MASK LAY-OUT (RECOMMENDED)



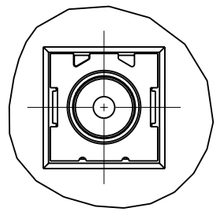
PCB LAY-OUT

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

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°

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 B | REV E

Amphenol RF
www.amphenolrf.com

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

Mouser Electronics

Authorized Distributor

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