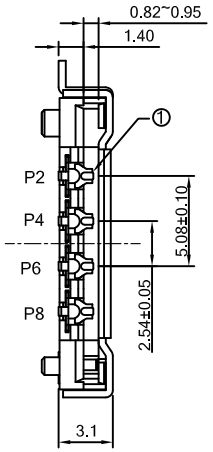
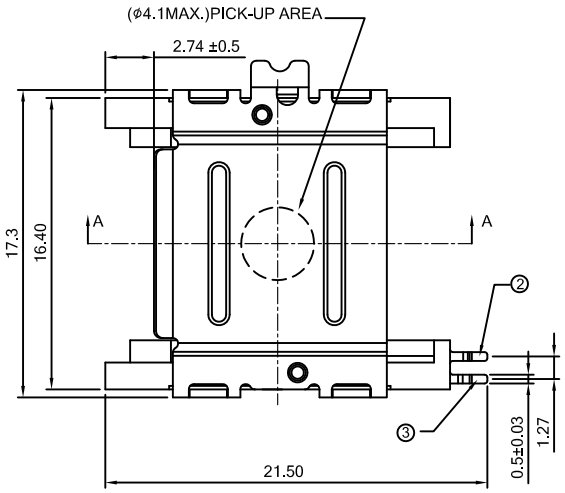
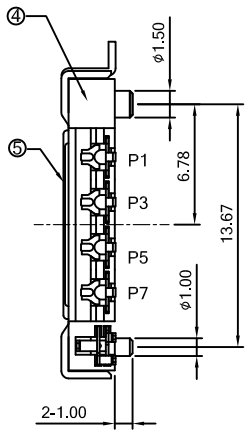
REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	AXL	2/12/2013
B		Modify Material	Jesse	3/12/2013





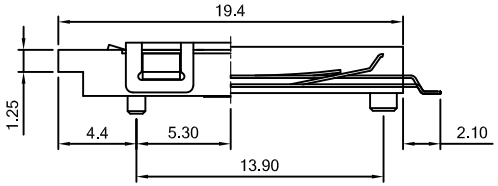


NOTE:

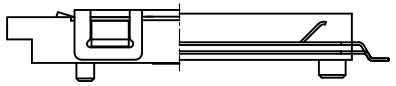
Material
- Contacts: Phosphor Bronze.
  - Plating: Selective gold on contact area, gold flash on solder tail, nickel under-plating overall.
- Switch: Phosphor Bronze.
  - Plating: gold flash on contact and solder tail area both, nickel under-plating overall.
- Insulation: Thermoplastic, UL94V-0
- [B] Heatsink: SPTE

Electrical Characteristics
- Number of contacts: 6 or 8 pins
- Card ending switch: See Order information.
- Contact resistance: 100 m ohms max.
- Insulation resistance: >1000 megohms /500 VDC
- Operating temperature: -25°C to +85°C
- RoHS Compliant

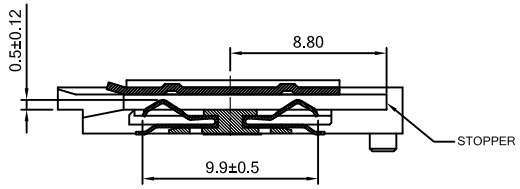
Coplanarity of Solder tails to be with in 0.12mm
Measurement point is solder tails tip.



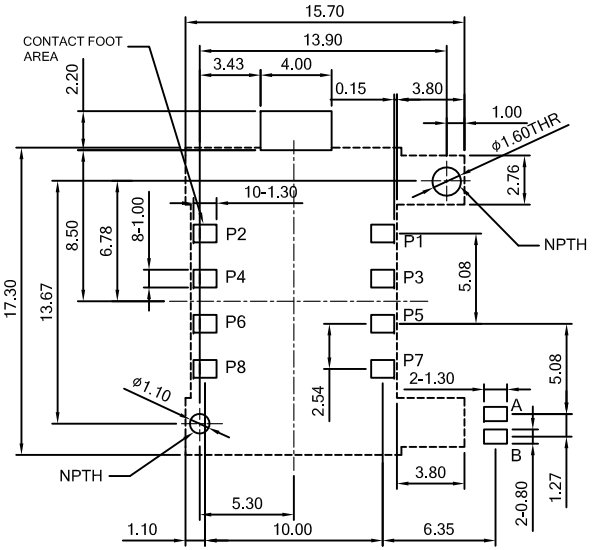
NC: NORMALLY CLOSED



NO: NORMALLY OPEN



SECTION: A-A



RECOMMENDED PCB LAYOUT
TOLERANCE: ± 0.05

ORDER INFORMATION

[B] SIMR– XX 08 – B K X A X 3B
① ② ③ ④⑤⑥⑦⑧

1. CONNECTOR
   SIMR: SIM CARD CONNECTOR
2. SWITCH TYPE
   29: NORMALLY OPEN, WITH HEATSINK
   30: NORMALLY CLOSE, WITH HEATSINK
3. POSITIONS
   08: 8 POSITIONS
4. INSULATOR MATERIAL
   B: LCP
5. INSULATOR COLOR
   K: BLACK
6. CONTACT PLATING
   1: GOLD FLASH
   8: 6u" GOLD PLATING
   5: 15u" GOLD PLATING
   6: 30u" GOLD PLATING
7. [B] SHIELD PLATING
   A: SPTE
8. PACKING
   R: TAPE & REEL
   T: TRAY

[B]

ITEM	NAME	Q'TY	DESCRIPTION	THICKNESS	NOTE
5	HEATSINK	1	SPTE	0.40mm	
4	HOUSING	1	LCP		
3	SWITCH 1	1	C5191	0.15mm	
2	SWITCH 2	1	C5191	0.15mm	
1	CONTACT1	8	C5191	0.15mm	

GENERAL TOLERANCE: X.± .X±0.38 .XX±0.25 .XXX±0.10	ANGLE TOLERANCE: X°± .X°± .XX°± .XXX°±	DRAWN: AXL DATE: 2/12/2013	GENESIS TECHNOLOGY,INC
		DESIGN DATE:	TITLE: SIM CARD READER SMT TYPE WITH HEATSINK
MATL: SEE BOM		CHECKED DATE:	PART NUMBER: [B] SIMR-XX08-BKXAX3B
FINISH: SEE NOTES			
SCALE: N/A	UNIT: mm	APPROVED DATE:	DRAWING NO.: GT20-300131 SIZE: A4 REV: B
SHEET 1 OF 1			