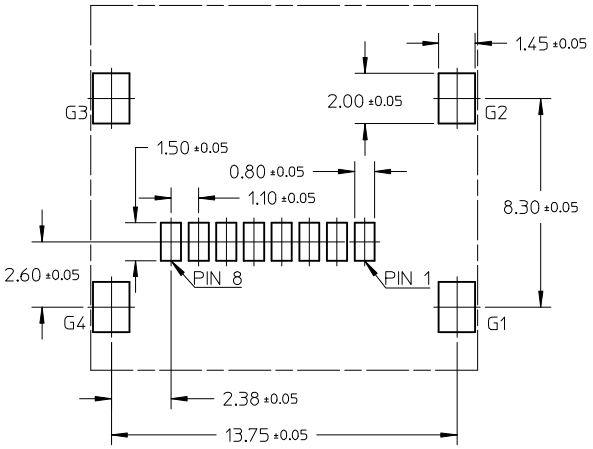
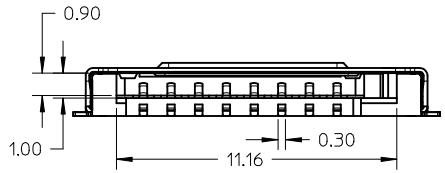
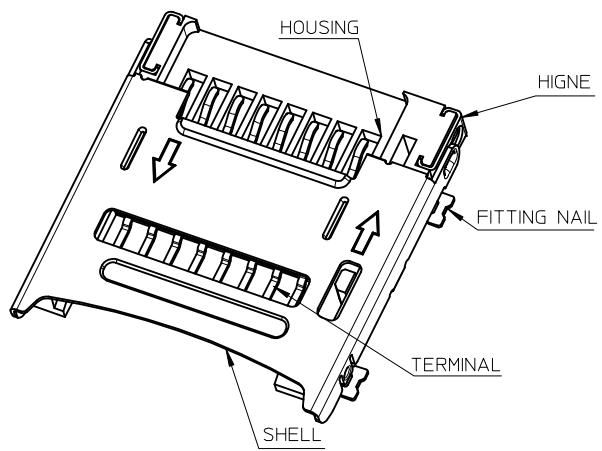
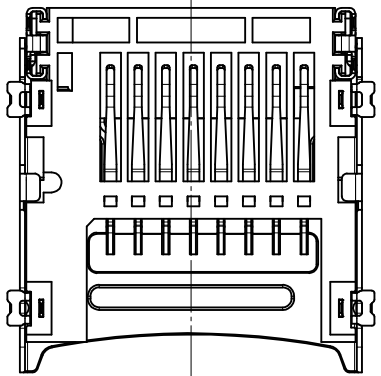
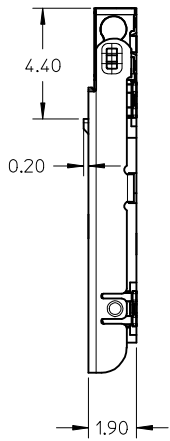
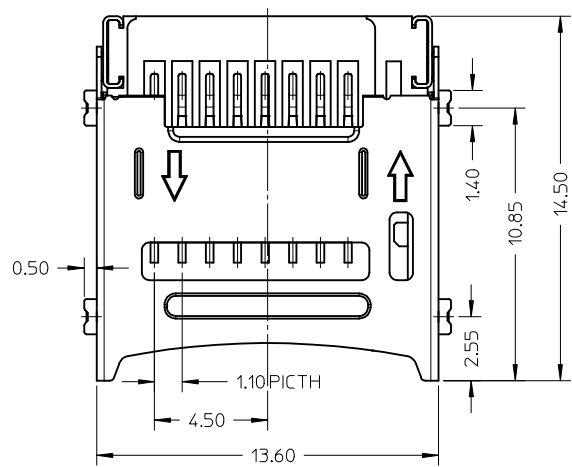


10 9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT

IN CASE OF STENCIL THICKNESS: 0.12MM  
OPEN RATIO IS 100%.  
IN CASE OF STENCIL THICKNESS : 0.1MM  
OPEN RATIO IS 100% MINIMUM.  
(0.08MM STENCIL THICKNESS CAN NOT BE RECOMMENDED)

|            |          |
|------------|----------|
| G4         | GND      |
| G3         | GND      |
| G2         | GND      |
| G1         | GND      |
| PIN8       | DAT1     |
| PIN7       | DAT0     |
| PIN6       | VSS      |
| PIN5       | CLK      |
| PIN4       | VDD      |
| PIN3       | CMD      |
| PIN2       | CD/DAT3  |
| PIN1       | DAT2     |
| PIN NUMBER | PIN NAME |

NOTES:

- MATERIAL:
  - 1-1 TERMINAL, FITTING NAIL, HIGE: COPPER ALLOY
  - 1-2 SHELL: STAINLESS STEEL
  - 1-3 HOUSING: LCP, UL 94-V0, BLACK
- FINISH:
  - 2-1 TERMINAL: OVERALL NICKEL UNDERPLATED, 20U" MIN GOLD PLATING ON CONTACT AREA  
TIN PLATING ON SOLDER TAIL
  - 2-2 FITTING NAIL: OVERALL NICKEL UNDERPLATED, TIN PLATED ON SOLDER AREA
  - 2-3 HIGE: OVERALL NICKEL PLATING
- MECHANICAL SPECIFICATION:
  - DURABILITY MATED 5,000 TIMES AND STILL MEET ELECTRICAL CHARACTERISTICS
- ELECTRICAL SPECIFICATION:
  - 4-1 RATED CURRENT (PER CONTACT): 0.5AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
  - 4-2 INSULATION RESISTANCE(I.R): 100 MEGOHMS MIN.
  - 4-3 DIELECTRIC WITHSTANDING VOLTAGE: N/A
  - 4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX
- PRODUCT PACKING: PK-47219-001.
- PRODUCT SPECIFICATION: PS-47219-001.
- PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

|   |                                      |                                       |      |   |                        |   |                                  |                        |  |  |
|---|--------------------------------------|---------------------------------------|------|---|------------------------|---|----------------------------------|------------------------|--|--|
| REVISED<br>EC NO: SH2012-0233<br>DRW:GLL1 2012/01/18<br>CHKD:XOZHANG 2012/01/18<br>APPR:AYIN 2012/01/20 | QUALITY SYMBOLS<br>F=0<br>F=0<br>F=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE<br>MM ONLY                              |                        | SCALE<br>1:1  | DESIGN UNITS<br>METRIC           | THIRD ANGLE PROJECTION |  |  |
|   |                                      |                                       | mm   | INCH  | DRAWN BY<br>XU XIANG   | DATE<br>2005-09-27  | TITLE<br>TFR READER (HINGE TYPE) |                        |  |  |
|   |                                      | 4 PLACES                              | ±--- | ±---  | CHECKED BY<br>XU XIANG | DATE<br>2006-03-15  | MOLEX INCORPORATED               |                        |  |  |
|   |                                      | 3 PLACES                              | ±--- | ±---  | APPROVED BY<br>XJSONG  | DATE<br>2011/09/13  |                                  |                        |  |  |
|   | 2 PLACES                             | ±0.15                                 | ±--- | MATERIAL NO.<br>47219-2021                              |                        | DOCUMENT NO.<br>SD-47219-021  |                                  | SHEET NO.<br>1 OF 1    |  |  |
|   | 1 PLACE                              | ±0.20                                 | ±--- | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                  |                        |  |  |

9 8 7 6 5 4 3 2 1