

NOTE:

1 MATERIAL:

- 1-1 HOUSING : HIGH TEMPERATURE THERMOPLASTIC,UL 94V-0,BLACK.
- 1-2 SIGNAL TERMINAL AND DETECT TERMINAL : PHOSPHOR BRONZE, THICKNESS: 0.12MM.
- 1-3 METAL SHELL : STAINLESS STEEL, THICKNESS: 0.15MM.

2 FINISH:

- 2-1 SIGNAL TERMINAL : 1.25MICRON MIN NICKEL UNDER-PLATED, 0.75 MICRON MIN GOLD PLATING ON CONTACT AREA,GOLD FLASH PLATED ON SOLDER AREA
- 2-2 METAL SHELL : 1.25 MICRON MIN. NICKEL PLATING OVER ALL, GOLD FLASH PLATED ON SOLDER AREA
- 2-3 DETECT PIN : 1.25 MICRON MIN NICKEL UNDER-PLATED, 0.75 MICRON MIN GOLD PLATED ON CONTACT AREA, GOLD FLASH PLATED ON SOLDER AREA

3 THE MARK "1001"MEANS WITH DETECT PIN TO PIN#8

THE MARK "****"MEANS THE DATE CODE.THE FIRST "*"MEANS THE MANUFACTURE YEAR. THE FOLLOW"***" MEANS THE MANUFACTUR DAY. FOR EXAMPLE "2006/01/02" SHOULD BE "6002".

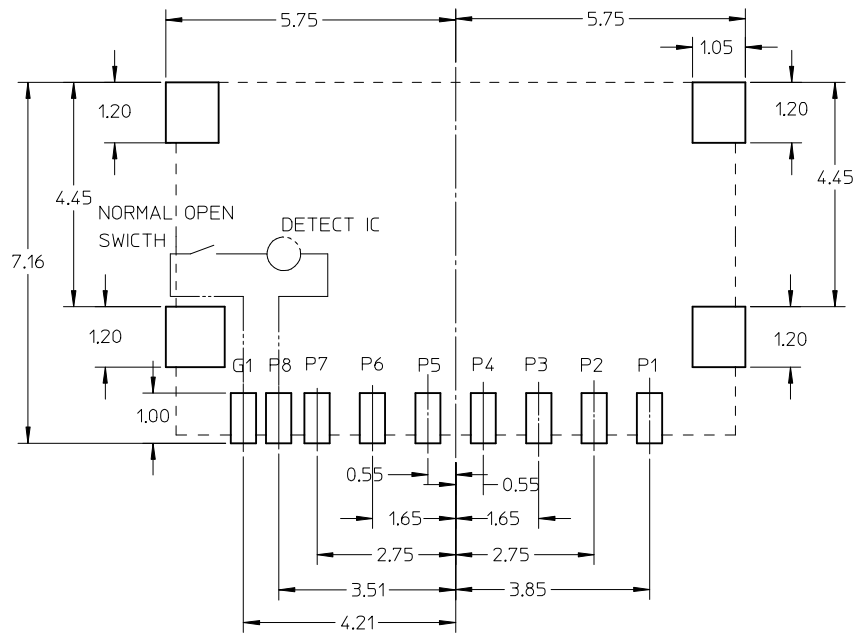
THE MARK"170" SHOW THE TOTAL HIGHT 1.70MM OF THE PRODUCT, THE LAST "*"IS SHIFT IDENTIFY CODE"A,B,C".

4 PRODUCT SPECIFICATION: PS-105027-001.

5 PACKAGE SPECIFICATION: PK-105027-001.

6 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

| | | | | | | | | |
|---|--|------------------------------|--|---|--|---|------------------------|--|
| revised edition EC NO: SH2009-0498 DRW:LLIU10 CHKD:YLZHU APPR:HWANG | 2009/01/16 2009/01/20 DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | $\nabla = 0$ $\nabla = 0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 1 ° | MM ONLY | 10:1 | METRIC | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY: LLIU10 DATE: 2008/05/08 CHECKED BY: YLZHU DATE: 2008/12/10 APPROVED BY: HWANG DATE: 2008/12/13 | TITLE | 1.7H TFR HEADER DETECT PIN WITH PIN8 | | |
| | | | | MATERIAL NO. 1050271001 | MOLEX INCORPORATED DOCUMENT NO. SD-105027-101 | SHEET NO. 1 OF 2 | | |



RECOMMEND PCB LAYOUT
TOLERANCE OF PCB LAYOUT:±0.05

----- CONNECTOR PROFILE

| | |
|------------|----------|
| G1 | SWITCH1 |
| P8 | SWITCH2 |
| P7 | D0 |
| P6 | VSS |
| P5 | SCLK |
| P4 | VDD |
| P3 | DI |
| P2 | CS |
| P1 | RSV |
| PIN NUMBER | PIN NAME |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-----------------|-----------|--------------|------------------------|---|--|----------|-------|-------|------------|--------|-------------|---------|--------|-------|------------|------|--------------------|--|--|--|
| see sheet1 EC NO: SHZ009-0498 DRW:LLIU10 CHKD:YLZHU APPR:HWANG 2009/01/20 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | |
| | $\nabla=0$ $\nabla C=0$ | <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.20</td> <td>± ---</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.15 | ± --- | 1 PLACE | ± 0.20 | ± --- | MM ONLY | 10:1 | METRIC | | | |
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.15 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | <table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>LLIU10</td> <td>2008/05/08</td> <td>1.7H TFR HEADER DETECT PIN WITH PIN8</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>YLZHU</td> <td>2008/12/10</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>HWANG</td> <td>2008/12/13</td> <td></td> </tr> </table> | DRAWN BY | DATE | TITLE | LLIU10 | 2008/05/08 | 1.7H TFR HEADER DETECT PIN WITH PIN8 | CHECKED BY | DATE | | YLZHU | 2008/12/10 | | APPROVED BY | DATE | | HWANG | 2008/12/13 | | MOLEX INCORPORATED | | | |
| DRAWN BY | DATE | TITLE | | | | | | | | | | | | | | | | | | | | | |
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| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | |
| YLZHU | 2008/12/10 | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | |
| HWANG | 2008/12/13 | | | | | | | | | | | | | | | | | | | | | | |
| REV | <table border="1"> <tr> <td>MATERIAL NO.</td> <td>DOCUMENT NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>1050271001</td> <td>SD-105027-101</td> <td>2 OF 2</td> </tr> </table> | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | 1050271001 | SD-105027-101 | 2 OF 2 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | | | | |
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| 1050271001 | SD-105027-101 | 2 OF 2 | | | | | | | | | | | | | | | | | | | | | |
| | SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | |
| | A3 | | | | | | | | | | | | | | | | | | | | | | |