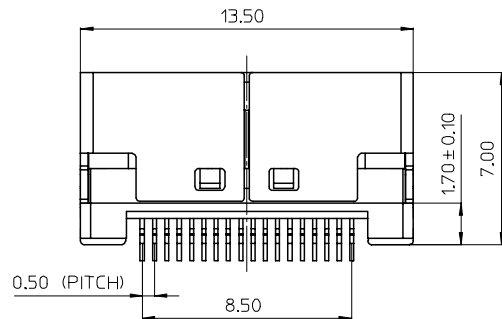
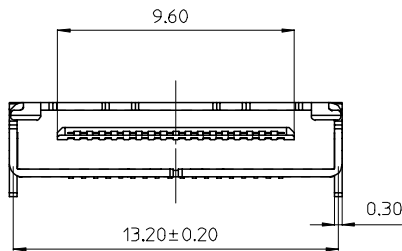
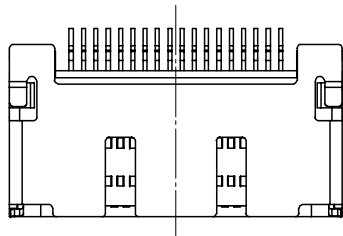
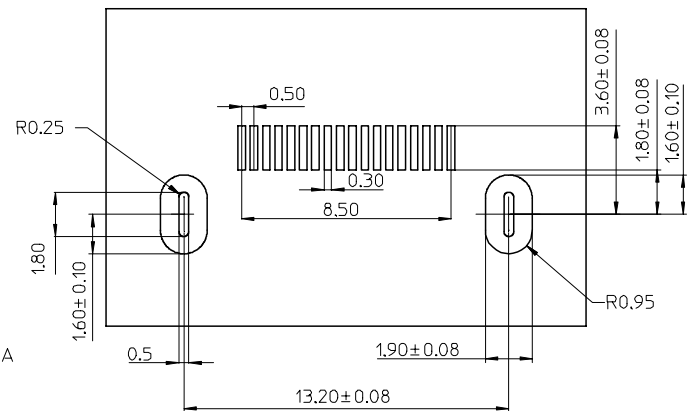
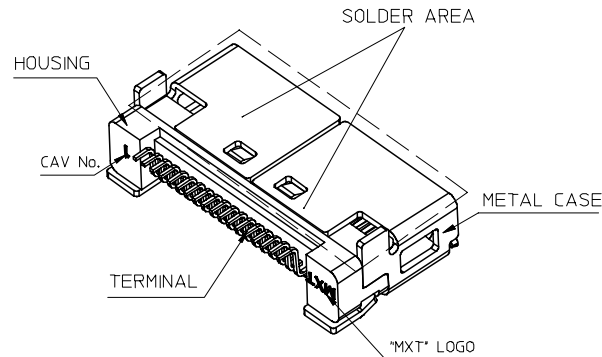
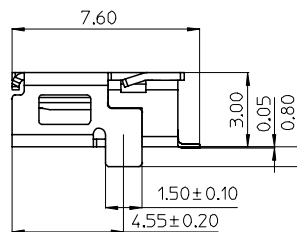


SOLDER AREA



POLARIZED PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB LAYOUT: UNSPECIFIED TOLERANCE ± 0.05MM

#### NOTES:

##### 1.MATERIALS:

HOUSING: LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED  
UL94 V-0, COLOR: BLACK.

TERMINAL: PHOSPHOR BRONZE C5191R-H THICKNESS=0.20 +/-0.01  
MILLIMETER.

METAL CASE: STAINLESS STEEL SUS304R-1/2H  
THICKNESS=0.20 +/-0.01 MILLIMETER

##### 2.FINISHES:

TERMINAL: SELECTIVE GOLD ON THE CONTACT AREA,  
THICKNESS:0.76 MICROMETER (30 MICROINCH) MINIMUM,  
NICKEL OVER UNDERPLATE OVERALL,  
THICKNESS: 1.27 MICROMETER (50 MICROINCH) MINIMUM,  
TIN ALLOY ON THE SOLDER TAIL AREA,  
THICKNESS: 3.05 MICROMETER (120 MICROINCH) MINIMUM,  
METAL CASE: MATTE TIN ON SOLDER AREA,  
THICKNESS: 2.54~4.00 MICROMETER (100~160 MICROINCH),  
MATTE TIN ON APPEARANCE AREA,  
THICKNESS: 2.00~3.50 MICROMETER (80~140 MICROINCH),  
NICKEL UNDERPLATE OVERALL,  
THICKNESS: 0.635 MICROMETER (25 MICROINCH) MINIMUM,

##### 3.PRODUCT SPECIFICATION: PS-67645-002

##### 4.PACKAGING SPECIFICATION: PK-67645-002

##### 5.COPLANARITY OF SMT TERMINAL IS 0.1MM MAXIMUM

##### 6.LEAD-FREE AND ROHS COMPLIANCE.

|                                                                           |                    |                                    |                                                                                                                                  |  |                     |                            |                     |              |                                                                      |                           |  |
|---------------------------------------------------------------------------|--------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|---------------------|----------------------------|---------------------|--------------|----------------------------------------------------------------------|---------------------------|--|
| LEAD FREE<br>EC NO: SH2006-0044<br>DRW: EKA001<br>CHKD:<br>APPR: WWSCHANG | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><br>▽=0<br>▽C=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |  |                     | DIMENSION STYLE<br>MM ONLY |                     | SCALE<br>1:1 | DESIGN UNITS<br>METRIC                                               | THIRD ANGLE<br>PROJECTION |  |
|                                                                           |                    |                                    | mm                                                                                                                               |  | INCH                |                            | DRAWN BY<br>DATE    |              | TITLE<br>18 PIN 0.5MM CONNECTOR<br>RECEPTACLE<br>(LEAD-FREE VERSION) |                           |  |
|                                                                           |                    |                                    | 4 PLACES ± --- ± ---                                                                                                             |  | LIZER 2005/09/14    |                            |                     |              |                                                                      |                           |  |
|                                                                           |                    |                                    | 3 PLACES ± --- ± ---                                                                                                             |  | CHECKED BY<br>DATE  |                            | MOLEX INCORPORATED  |              |                                                                      |                           |  |
|                                                                           |                    |                                    | 2 PLACES ± 0.25 ± ---                                                                                                            |  | ERIC KAO 2005/09/14 |                            |                     |              |                                                                      |                           |  |
|                                                                           |                    |                                    | 1 PLACE ± 0.25 ± ---                                                                                                             |  | APPROVED BY<br>DATE |                            | SD-67645-003        |              |                                                                      |                           |  |
|                                                                           |                    |                                    | ANGULAR ± 3 °                                                                                                                    |  | WILSON 2005/09/14   |                            |                     |              |                                                                      |                           |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                |                    |                                    | MATERIAL NO.<br>67645-1001                                                                                                       |  | DOCUMENT NO.        |                            | SHEET NO.<br>1 OF 1 |              |                                                                      |                           |  |
|                                                                           |                    |                                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                     |                            |                     |              |                                                                      |                           |  |