

| PART NO.<br>(PACKED IN CARTON) | PART NO.<br>(PACKED IN BIN) | CONTACTS<br>LUBRICATION | CKT SIZE |
|--------------------------------|-----------------------------|-------------------------|----------|
| 87537-8814                     | 87537-8834                  | YES                     | 68       |
| 87537-8812                     | 87537-8832                  | NO                      | 68       |

OBS TIN/LEAD P/N  
 EC NO: S2006-0729  
 DRWN:MLONG 2006/02/27  
 CHKD:SHONG 2006/02/27  
 APPR:KCLING 2006/02/28

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

|               | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |       |
|---------------|--|-------|
|               | mm                                       | INCH  |
| 4 PLACES      | ± ---                                    | ± --- |
| 3 PLACES      | ± ---                                    | ± --- |
| 2 PLACES      | ± 0.25                                   | ± --- |
| 1 PLACE       | ± ---                                    | ± --- |
| ANGULAR ± 3 ° |  |       |

DRAFT WHERE APPLICABLE  
 MUST REMAIN  
 WITHIN DIMENSIONS

DIMENSION STYLE  
 MM ONLY

DRAWN BY PTL IM DATE 1995/12/28  
 CHECKED BY SKTOH DATE 1996/03/26  
 APPROVED BY ROY DATE 1996/03/26

MATERIAL NO. SEE TABLE  
 SIZE A3

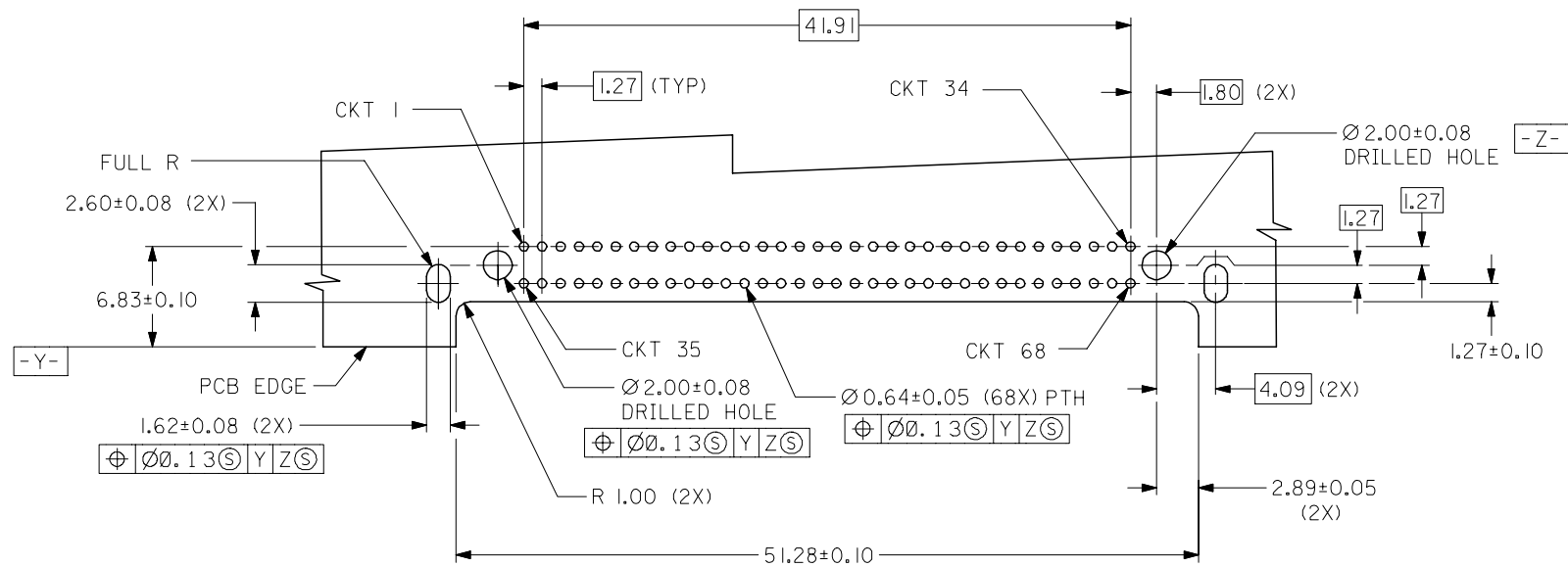
SCALE NTS  
 DESIGN UNITS METRIC  
 THIRD ANGLE PROJECTION

TITLE  
 EBBI, RECEPTACLE, CONN.  
 1.27MM CTR, 68 CKTS, BTB  
 B/MATE, 2.54 HT., R/A

MOLEX MOLEX INCORPORATED

DOCUMENT NO. SD-87537-6812  
 SHEET NO. 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



**RECOMMENDED PC BOARD LAYOUT** 3  
**COMPONENT SIDE**

**NOTES:**

- 1 MATERIALS:  
HOUSING- LCP, 30% GLASS FILLED, UL94V-0, BLACK.  
TERMINALS- PHOSPHOR BRONZE.
- 2 PLATING:  
0.76µm MIN. GOLD IN SELECTIVE CONTACT AREA AND  
2.54µm MIN. TIN IN SOLDER TAIL AREA, BOTH  
OVER 1.27µm MIN. NICKEL.
- 3 RECOMMENDED P.C. BOARD THICKNESS IS 1.57+/-0.13MM.
- 4 CIRCUIT #58 TO BE RECESSED 0.50mm BEHIND  
ALL OTHER CONTACTS.
- 5 PART IS LUBRICATED AT TERMINAL CONTACTS TO MINIMISE  
UNMATE FORCE.

|   |       |             |   |                                       |                     |                            |   |                    |   |                        |  |
|---|-------|-------------|---|---------------------------------------|---------------------|----------------------------|---|--------------------|---|------------------------|--|
| OBS TIN/LEAD P/N<br>EC NO: S2006-0729<br>DRWN:MLONG 2006/02/27<br>CHKD:SHONG 2006/02/27<br>APPR:KCLING 2006/02/28 | REV   | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>△=0                 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                     | DIMENSION STYLE<br>MM ONLY |   | SCALE<br>NTS       | DESIGN UNITS<br>METRIC  | THIRD ANGLE PROJECTION |  |
|   |       |             |   |                                       | mm                  | INCH                       | DRAWN BY<br>PTL IM  | DATE<br>1995/12/28 | TITLE<br>EBBI, RECEPTACLE, CONN.<br>1.27MM CTR, 68 CKTS, BTB<br>B/MATE, 2.54 HT., R/A |                        |  |
|   |       |             |   | 4 PLACES ± ---                        | ± ---               | ± ---                      | CHECKED BY<br>SKT0H   | DATE<br>1996/03/26 |   |                        |  |
|   |       |             |   | 3 PLACES ± ---                        | ± ---               | ± ---                      | APPROVED BY<br>ROY  | DATE<br>1996/03/26 | MOLEX INCORPORATED  |                        |  |
| 2 PLACES ± 0.25   | ± --- | ± ---       | MATERIAL NO.<br>DOCUMENT NO.<br>SD-87537-6812 |                                       | SHEET NO.<br>2 OF 2 |                            |   |                    |   |                        |  |
| 1 PLACE ± ---   | ± --- | ± ---       | ANGULAR ± 3 °                                 |                                       | SIZE<br>A3          |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |   |                        |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |       |             |   | SEE TABLE                             |                     |                            |   |                    |   |                        |  |