

## Excellent Integrated System Limited

Stocking Distributor

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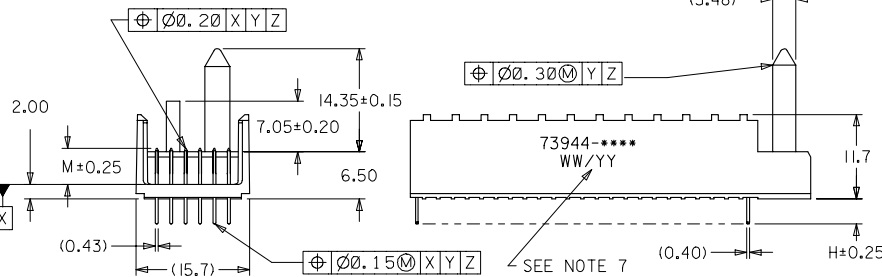
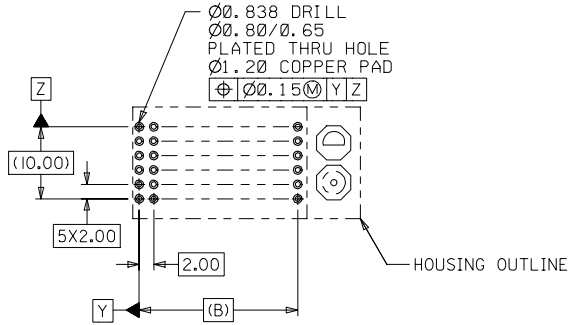
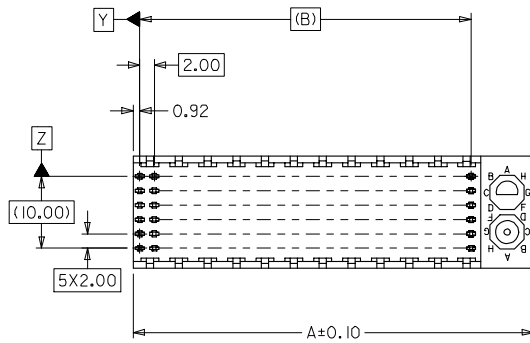
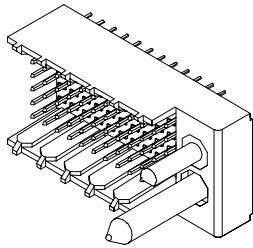
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

73944

**NOTES:**

1. MATERIALS: HOUSING--LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK, TERMINAL: PHOSPHOR BRONZE.
2. FINISH: 0.75 MICROMETERS MINIMUM SELECTIVE GOLD (Au) IN MATING AREA 2.50 MICROMETERS MINIMUM SELECTIVE TIN (Sn) IN TAIL AREA NICKEL (Ni) UNDERPLATE OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. SEE SHEET 2 FOR SPECIFIC MATERIAL NUMBERS.
6. PACKAGE PER PK-70873-0818.
7. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.



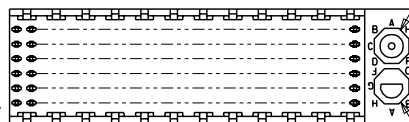
PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 2.50 MIN

|     |     |
|-----|-----|
| 2   | A   |
| 1   | G   |
| SHT | REV |

|                                                                                                                                         |             |                 |                                                                                                                                      |  |                      |  |                            |  |                    |                                                                                |                        |  |  |           |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|----------------------------|--|--------------------|--------------------------------------------------------------------------------|------------------------|--|--|-----------|--|--|
| MODIFY FINISH NOTE<br>EC NO: UCP207-2259<br>DRAWN BY: DARRA 2007/03/14<br>CHECKED BY: CHHOKBARER 2007/03/14<br>APPR: SMILLER 2007/03/14 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                |  |                      |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2:1       | DESIGN UNITS<br>METRIC                                                         | THIRD ANGLE PROJECTION |  |  |           |  |  |
|                                                                                                                                         |             | ▽=0             | mm                                                                                                                                   |  | INCH                 |  | DRAWN BY<br>JB INGHAM      |  | DATE<br>1998/01/14 | TITLE<br>SALES ASSY HDM BACKPLANE<br>POLAR/GUIDE OPTION<br>SOLDER TAIL VERSION |                        |  |  |           |  |  |
|                                                                                                                                         |             | ▽=0             | 4 PLACES ± --- ± ---                                                                                                                 |  | 3 PLACES ± --- ± --- |  | CHECKED BY<br>SREED        |  | DATE<br>1998/01/14 | MOLEX INCORPORATED                                                             |                        |  |  |           |  |  |
|                                                                                                                                         |             |                 | 2 PLACES ± 0.05 ± ---                                                                                                                |  | 1 PLACE ± 0.10 ± --- |  | APPROVED BY<br>BIXLER      |  | DATE<br>1998/01/14 |                                                                                |                        |  |  |           |  |  |
|                                                                                                                                         |             |                 | ANGULAR ±1/2°                                                                                                                        |  |                      |  | MATERIAL NO.               |  | DOCUMENT NO.       |                                                                                |                        |  |  | SHEET NO. |  |  |
|                                                                                                                                         |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                           |  |                      |  | SEE CHART                  |  | SD-73944-001       |                                                                                |                        |  |  | 1 OF 2    |  |  |
|                                                                                                                                         |             | REV             | SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                      |  |                            |  |                    |                                                                                |                        |  |  |           |  |  |

LOCATION A

LOCATION B



REF. MATERIAL NUMBER 73944-1009

GUIDE PIN IS IN LOCATION A

POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73944-1008

GUIDE PIN IS IN LOCATION B

POLARIZING KEY IS IN LOCATION A, POSITION E

**MATERIAL NUMBER ASSIGNMENT**

73944- \* \* \* \*

| NUMBER | CIRCUIT SIZE | DIM "A" | DIM "B" | DIM "H" |
|--------|--------------|---------|---------|---------|
| 0      | 72           | 31.60   | 22.00   | 2.00    |
| 1      | 144          | 55.60   | 46.00   | 2.00    |
| 2      | 72           | 31.60   | 22.00   | 2.50    |
| 3      | 144          | 55.60   | 46.00   | 2.50    |
| 4      | 72           | 31.60   | 22.00   | 3.00    |
| 5      | 144          | 55.60   | 46.00   | 3.00    |
| 6      | 72           | 31.60   | 22.00   | 3.50    |
| 7      | 144          | 55.60   | 46.00   | 3.50    |

| NUMBER | DIM "M" |
|--------|---------|
| 0      | 5.00    |
| 1      | 5.50    |
| 2      | 6.00    |

| NUMBER | GUIDE POST LOCATION | POLAR KEY POSITION |
|--------|---------------------|--------------------|
| 00     | B                   | A                  |
| 01     | A                   |                    |
| 02     | B                   |                    |
| 03     | A                   | B                  |
| 04     | B                   |                    |
| 05     | A                   | C                  |
| 06     | B                   |                    |
| 07     | A                   | D                  |
| 08     | B                   |                    |
| 09     | A                   | E                  |
| 10     | B                   |                    |
| 11     | A                   | F                  |
| 12     | B                   |                    |
| 13     | A                   | G                  |
| 14     | B                   |                    |
| 15     | A                   | H                  |
| 16     | B                   |                    |
| 17     | A                   |                    |
| 18     | N/A                 | N/A                |

|                                                                                               |                                            |                                                                                                        |                                                                                                                                                       |                                                                                      |                             |                                                                               |                                                                                                                      |          |     |
|-----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|-----|
| SEE SHEET 1<br>EC NO. 081577<br>DRAWN BY: UBINGHAM<br>CHK: REED<br>APPROVED: CBIXLER<br>REV A | DESCRIPTION<br>MAJOR<br>CRITICAL<br>C<br>0 | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)                                                              | SCALE<br>2 : 1                                                                                                                                        | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | THIRD ANGLE<br>PROJECTION   | TITLE: SALES ASSY, HDM BACKPLANE<br>POLAR/GUIDE OPTION<br>SOLDER TAIL VERSION | DIMENSIONS:<br><input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY | SHT<br>2 | REV |
|                                                                                               |                                            | 4 PLACES ±0.1 ±.<br>3 PLACES ±0.1 ±.<br>2 PLACES ±0.1 N/A ±.<br>1 PLACE ±0.1 N/A ±.<br>ANGULAR: ± 1/2° | DRAWN BY & DATE<br>UBINGHAM 98/01/14<br>CHECKED BY & DATE<br>SREED 98/01/14<br>APPROVED BY & DATE<br>CBIXLER 98/01/14<br>CAD FILENAME<br>S73944X2.DGN | MATERIAL NO.<br>SEE CHART                                                            | DRAWING NO.<br>SD-73944-001 | SHEET NO.<br>2                                                                | SIZE<br>B                                                                                                            |          |     |