

Excellent Integrated System Limited

Stocking Distributor

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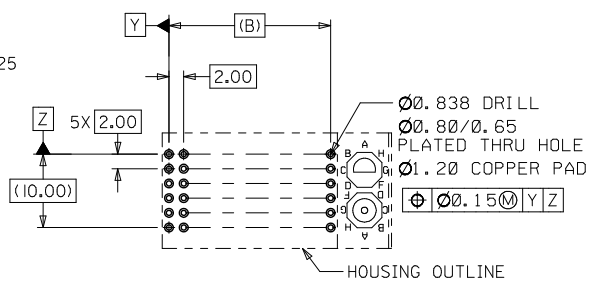
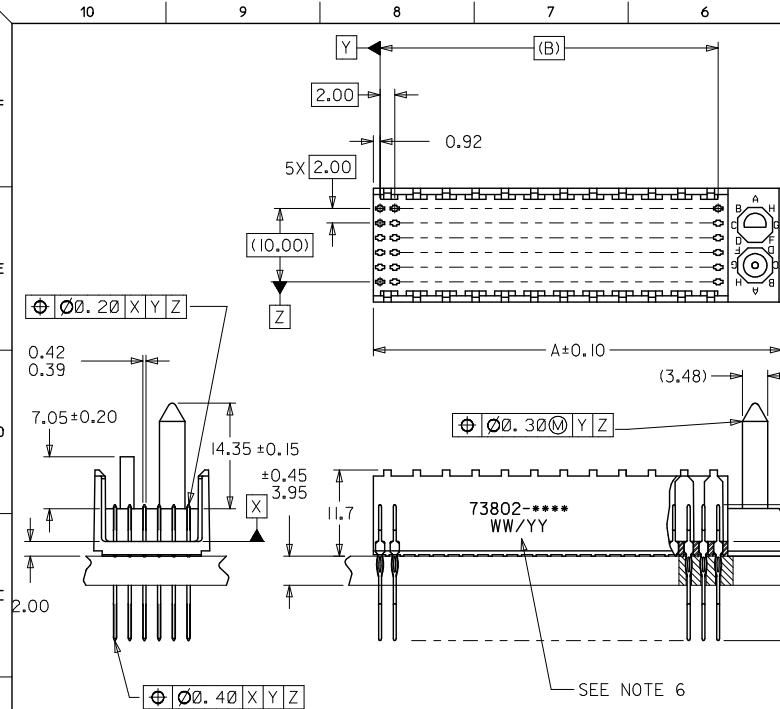
[Molex Connector Corporation](#)
[0738020017](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

| MATERIAL NUMBER | NUMBER OF CONTACTS | DIM "A" | DIM "B" | DIM "M" | PLATING |
|-----------------|--------------------|---------|---------|---------|-----------------|
| 73802-00** | 72 | 31.6 | 22.00 | 5.00 | GOLD/GOLD FLASH |
| 73802-02** | 72 | 31.6 | 22.00 | 6.00 | GOLD/GOLD FLASH |
| 73802-10** | 144 | 55.6 | 46.00 | 5.00 | GOLD/GOLD FLASH |
| 73802-12** | 144 | 55.6 | 46.00 | 6.00 | GOLD/GOLD FLASH |
| 73802-20** | 72 | 31.6 | 22.00 | 5.00 | *GOLD/MATTE TIN |
| 73802-22** | 72 | 31.6 | 22.00 | 6.00 | *GOLD/MATTE TIN |
| 73802-30** | 144 | 55.6 | 46.00 | 5.00 | *GOLD/MATTE TIN |
| 73802-32** | 144 | 55.6 | 46.00 | 6.00 | *GOLD/MATTE TIN |

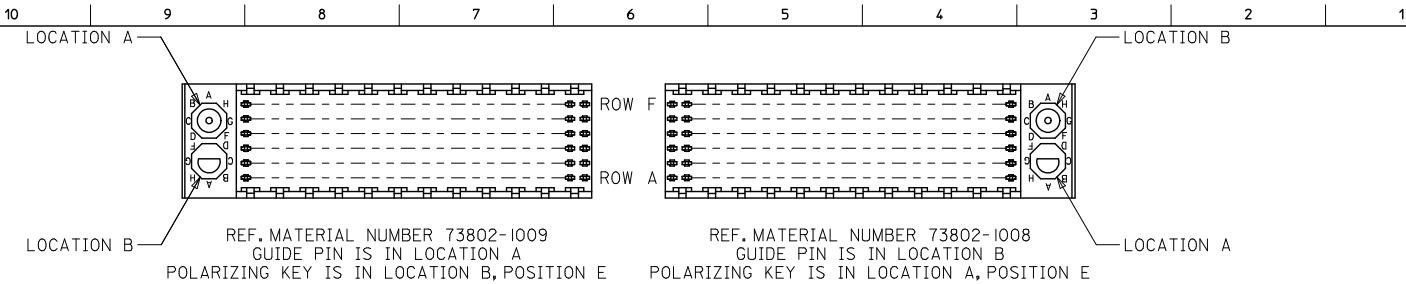
*FORMERLY TIN/LEAD



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 3.95±0.45

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL 94V-0, COLOR: BLACK.
TERMINAL - PHOSPHOR BRONZE.
 2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS, NICKEL (Ni) AND GOLD FLASH OVERALL,
SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS, SELECTIVE MATTE TIN (Sn) ON IN TAIL AREA, NICKEL (Ni) OVERALL.
 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73780-9999.
 4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
 5. PACKAGE PER 70873-0818.
 6. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.

| LEAD FREE CONVERSION EC NO: UCP2013-3253 DRAWN BY: RWHIPPLE 2013/02/05 CHECKED BY: CHYKIMOLFE 2013/02/05 APPROVED BY: APPRSMILLER 2013/08/05 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|--------------------------------------|---|--------|----------------------------|-------------|------------------------------|---|------------------------|
| | | mm | INCH | DRAWN BY | DATE | | | |
| | | 4 PLACES | ± --- | ± --- | RWHIPPLE | 2013/02/05 | SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION | |
| | | 3 PLACES | ± --- | ± --- | CHECKED BY | DATE | | |
| | | 2 PLACES | ± 0.05 | ± --- | SREED | 97/05/19 | | |
| | | 1 PLACE | ± 0.10 | ± --- | APPROVED BY | DATE | | |
| | | 0 PLACE | ± --- | ± --- | SMILLER | 2013/08/05 | | |
| | | ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-73802-001 | | SHEET NO. 1 OF 2 |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |



MATERIAL NUMBER ASSIGNMENT

73802- * * * *

- 0 = 72-CIRCUIT, GOLD/GOLD FLASH
- 1 = 144-CIRCUIT, GOLD/GOLD FLASH
- 2 = 72-CIRCUIT, *GOLD/MATTE TIN
- 3 = 144-CIRCUIT, *GOLD/MATTE TIN

*FORMERLY TIN/LEAD

- 0 = 5.00 MATING LENGTH
- 1 = RESERVED
- 2 = 6.00 MATING LENGTH

| NUMBER | GUIDE POST LOCATION | POLAR KEY POSITION |
|--------|---------------------|--------------------|
| 00 | B | |
| 01 | A | 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 | N/A |
| 18 | N/A | |

| SEE SHEET 1 EIC NO: UCP2013-3253 DRAWN BY: RWHPPLLE 2013/02/05 CHECKED BY: CHKOMOLEE 2013/02/05 APPROVED BY: APPRSKILLER 2013/08/05 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | |
|---|---|--|--|-------|---------------------------|------------------------|------|------|----------|------|------|----------|-------|------|---------|-------|------|---------|------|------|---------|-----|--------|--|
| | $\nabla=0$ $\nabla=0$ $\nabla=0$ | <table border="1"> <tr><th colspan="2">mm</th><th>INCH</th></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>±0.05</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±0.10</td><td>±---</td></tr> <tr><td>0 PLACE</td><td>±---</td><td>±---</td></tr> </table> | mm | | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.05 | ±--- | 1 PLACE | ±0.10 | ±--- | 0 PLACE | ±--- | ±--- | MM ONLY | 1:1 | METRIC | |
| | mm | | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±0.05 | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±0.10 | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY: RWHPPLLE DATE: 2013/02/05 CHECKED BY: SREED DATE: 97/05/19 APPROVED BY: SMILLER DATE: 2013/08/05 MATERIAL NO. SEE CHART SIZE B | TITLE: SALES ASSEMBLY HDM DOUBLE-END MIDPLANE POLAR/GUIDE OPTION | | DOCUMENT NO. SD-73802-001 | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | | | |
| REV | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | |