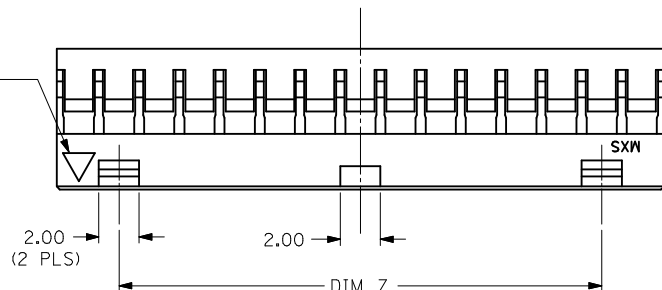


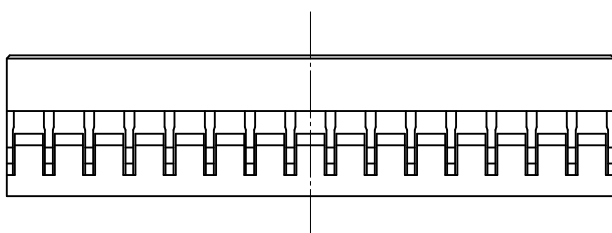
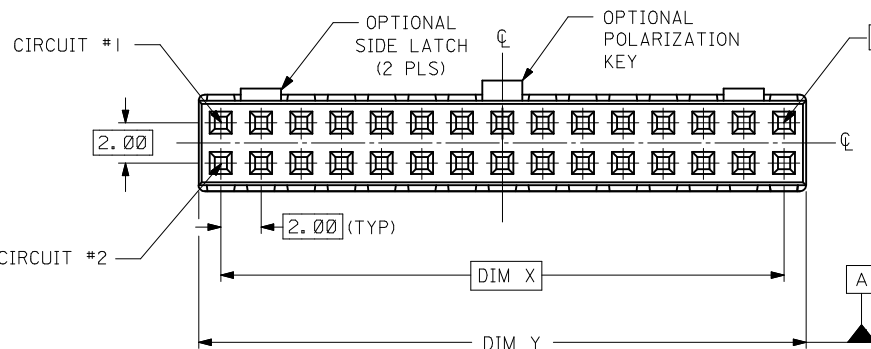
10 9 8 7 6 5 4 3 2 1

IST CIRCUIT  
IDENTIFICATION



NOTES:

1. MATERIAL: GLASS-FILLED POLYESTER UL RATED 94V-0  
COLOR: BLACK
2. PART TO BE USED WITH CRIMP TERMINAL  
PART NUMBER 50394-8\*\*\* AND 87396-\*\*\*\*
3. APPLICABLE WIRE RANGE:  
FOR 50394 SERIES, AWG #24 - #30,  
FOR 87396 SERIES, AWG #22 - #28.
4. WIRE INSULATION RANGE: DIAMETER 1.40MM MAXIMUM.
5. 30 CKT SHOWN FOR ILLUSTRATION ONLY.



|                                                                                    |                                        |             |     |                                                  |                                       |  |  |                            |  |              |                        |                                       |  |
|------------------------------------------------------------------------------------|----------------------------------------|-------------|-----|--------------------------------------------------|---------------------------------------|--|--|----------------------------|--|--------------|------------------------|---------------------------------------|--|
| ADD OPTIONS<br>EC NO: S2015-0054<br>DRAWN: GMEARLY<br>CHKD: SCHEONG<br>APPR: KHLIM | 2014/07/24<br>2014/08/07<br>2014/08/19 | DESCRIPTION | REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>◇=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>NTS | DESIGN UNITS<br>METRIC | <div>THIRD ANGLE<br/>PROJECTION</div> |  |
|                                                                                    |                                        |             |     |                                                  |                                       |  |  |                            |  |              |                        |                                       |  |
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| B8                                                                                 |                                        |             |     |                                                  |                                       |  |  |                            |  |              |                        |                                       |  |
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| </                                                                                 |                                        |             |     |                                                  |                                       |  |  |                            |  |              |                        |                                       |  |

9 8 7 6 5 4 3 2 1

WITHOUT CENTER POLARIZATION KEY & SIDE LATCHES

| PART NUMBER | CKT SIZE | DIM X | DIM Y |
|-------------|----------|-------|-------|
| 51110-0450  | 4        | 2.00  | 4.20  |
| 51110-0650  | 6        | 4.00  | 6.20  |
| 51110-0850  | 8        | 6.00  | 8.20  |
| 51110-1050  | 10       | 8.00  | 10.20 |
| 51110-1250  | 12       | 10.00 | 12.20 |
| 51110-1450  | 14       | 12.00 | 14.20 |
| 51110-1650  | 16       | 14.00 | 16.20 |
| 51110-1850  | 18       | 16.00 | 18.20 |
| 51110-2050  | 20       | 18.00 | 20.20 |
| 51110-2250  | 22       | 20.00 | 22.20 |
| 51110-2450  | 24       | 22.00 | 24.20 |
| 51110-2650  | 26       | 24.00 | 26.20 |
| 51110-2850  | 28       | 26.00 | 28.20 |
| 51110-3050  | 30       | 28.00 | 30.20 |
| 51110-3250  | 32       | 30.00 | 32.20 |
| 51110-3450  | 34       | 32.00 | 34.20 |

WITH CENTER POLARIZATION KEY & SIDE LATCHES

| PART NUMBER | CKT SIZE | DIM X | DIM Y | DIM Z |
|-------------|----------|-------|-------|-------|
| 51110-1451  | 14       | 12.00 | 14.20 | 8.00  |
| 51110-1651  | 16       | 14.00 | 16.20 | 10.00 |
| 51110-1851  | 18       | 16.00 | 18.20 | 12.00 |
| 51110-2051  | 20       | 18.00 | 20.20 | 14.00 |
| 51110-2251  | 22       | 20.00 | 22.20 | 16.00 |
| 51110-2451  | 24       | 22.00 | 24.20 | 18.00 |
| 51110-2651  | 26       | 24.00 | 26.20 | 20.00 |
| 51110-2851  | 28       | 26.00 | 28.20 | 22.00 |
| 51110-3051  | 30       | 28.00 | 30.20 | 24.00 |
| 51110-3251  | 32       | 30.00 | 32.20 | 26.00 |
| 51110-3451  | 34       | 32.00 | 34.20 | 28.00 |

WITH CENTER POLARIZATION KEY

| PART NUMBER | CKT SIZE | DIM X | DIM Y |
|-------------|----------|-------|-------|
| 51110-0452  | 4        | 2.00  | 4.20  |
| 51110-0652  | 6        | 4.00  | 6.20  |
| 51110-0851  | 8        | 6.00  | 8.20  |
| 51110-1051  | 10       | 8.00  | 10.20 |
| 51110-1251  | 12       | 10.00 | 12.20 |
| 51110-1452  | 14       | 12.00 | 14.20 |
| 51110-1652  | 16       | 14.00 | 16.20 |
| 51110-1852  | 18       | 16.00 | 18.20 |
| 51110-2052  | 20       | 18.00 | 20.20 |
| 51110-2252  | 22       | 20.00 | 22.20 |

PART NUMBER LEGEND:

51110-\*\*-5\*

CIRCUIT SIZE 0 - WITHOUT CENTER POLARIZATION KEY AND SIDE LATCH.

1 - WITH CENTER POLARIZATION KEY AND SIDE LATCH.  
(14 TO 34 CIRCUITS ONLY)  
WITH CENTER POLARIZATION KEY ONLY.  
(8 TO 12 CIRCUITS ONLY)

2 - WITH CENTER POLARIZATION KEY ONLY.  
(4 TO 6 CIRCUITS AND 14 TO 22CIRCUITS ONLY)

|                                                                                                                         |                    |                                         |                                                      |        |                            |                                                                                                                               |                    |                                                                   |                        |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------|------------------------------------------------------|--------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------|------------------------|--|--|--|
| ADD OPTIONS<br>EC NO: S2015-0054<br>DRAWN:GEMENARY 2014/07/24<br>CHKD:SCHEONG 2014/08/07<br>APPR:KHLIM 2014/08/19<br>B8 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>FA=0<br>FG=0<br>FP=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>SKTOH                                                                                                             | DATE<br>1993/10/26 | TITLE<br>2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING |                        |  |  |  |
|                                                                                                                         |                    |                                         | 4 PLACES                                             | ± ---  | ± ---                      | CHECKED BY<br>EDPOH                                                                                                           | DATE<br>1993/10/26 |                                                                   |                        |  |  |  |
|                                                                                                                         |                    |                                         | 3 PLACES                                             | ± ---  | ± ---                      | APPROVED BY<br>LBLEE                                                                                                          | DATE<br>2014/07/22 | molex                                                             |                        |  |  |  |
|                                                                                                                         |                    |                                         | 2 PLACES                                             | ± 0.20 | ± ---                      | MATERIAL NO.<br>SEE TABLE                                                                                                     |                    |                                                                   |                        |  |  |  |
|                                                                                                                         |                    |                                         | 1 PLACE                                              | ± ---  | ± ---                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                   |                        |  |  |  |
|                                                                                                                         |                    |                                         | 0 PLACE                                              | ±      | ±                          |                                                                                                                               |                    |                                                                   |                        |  |  |  |
|                                                                                                                         |                    |                                         | ANGULAR ± 3 °                                        |        |                            |                                                                                                                               |                    |                                                                   |                        |  |  |  |
|                                                                                                                         |                    |                                         | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |                            |                                                                                                                               |                    |                                                                   |                        |  |  |  |