

Excellent Integrated System Limited

Stocking Distributor

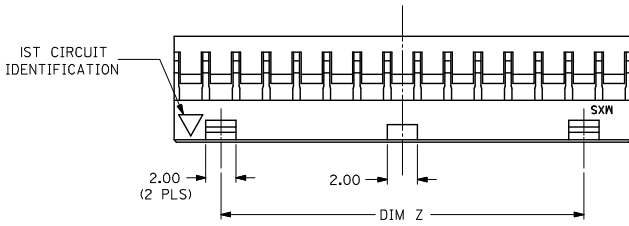
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0511101050](#)

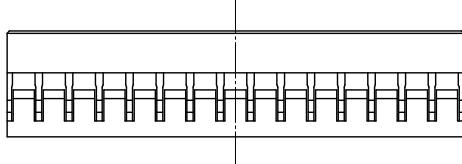
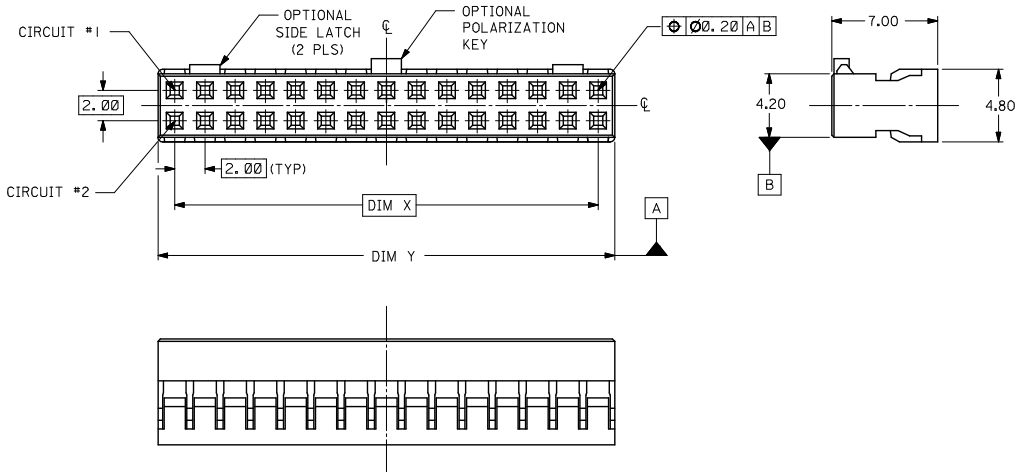
For any questions, you can email us directly:

sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1



- NOTES:
1. MATERIAL: GLASS-FILLED POLYESTER UL RATED 94V-0
COLOR: BLACK
 2. PART TO BE USED WITH CRIMP TERMINAL
PART NUMBER 50394-B*** 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 EC NO: S2015-0054 DRAWN: GENEALY CHKD: SCHEONG APPR: KHLIM 2014/07/24 2014/08/07 2014/08/19 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | | mm | INCH | DRAWN BY SKTOH | DATE 1993/10/26 | TITLE 2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING | | |
| | | 4 PLACES ±--- | ±--- | | CHECKED BY EDPOH | DATE 1993/10/26 | MOLEX INCORPORATED | | |
| | | 3 PLACES ±--- | ±--- | | APPROVED BY LBLEE | DATE 2014/07/22 | DOCUMENT NO. SD-51110-XX5X | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | | SHEET NO. 1 OF 2 | | |
| | | | | | SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

9 8 7 6 5 4 3 2 1

10 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 EC No. S2015-0054 DRAWN:HEWALY 2014/07/24 CHKD:SCHEONG 2014/08/07 APPR:KILLIM 2014/08/19 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | $\sqrt{\text{V}}=0$ $\sqrt{\text{V}}=0$ $\sqrt{\text{V}}=0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | MM ONLY | NTS | METRIC | | |
| | DESCRIPTION | ANGULAR ± 3° | DRAWN BY DATE | TITLE | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SKTOH 1993/10/26 | 2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING | | | |
| | | | CHECKED BY DATE | | | | |
| | | | EDPOH 1993/10/26 | | | | |
| | | | APPROVED BY DATE | | | | |
| | | | BLEE 2014/07/22 | | | | |
| | | | MATERIAL NO. | DOCUMENT NO. | | | |
| | | | SEE TABLE | SD-51110-XX5X | | | |
| | | | SIZE A3 | | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | | | | | SHEET NO. 2 OF 2 | |

9 8 7 6 5 4 3 2 1