

## Excellent Integrated System Limited

Stocking Distributor

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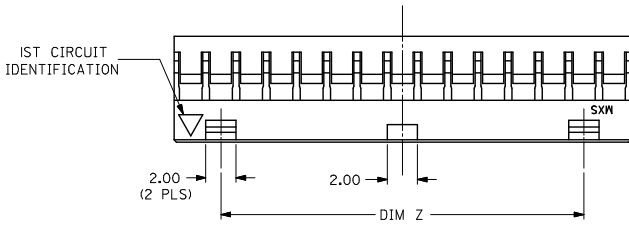
[Molex Connector Corporation](#)

[0511101851](#)

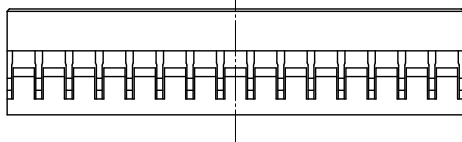
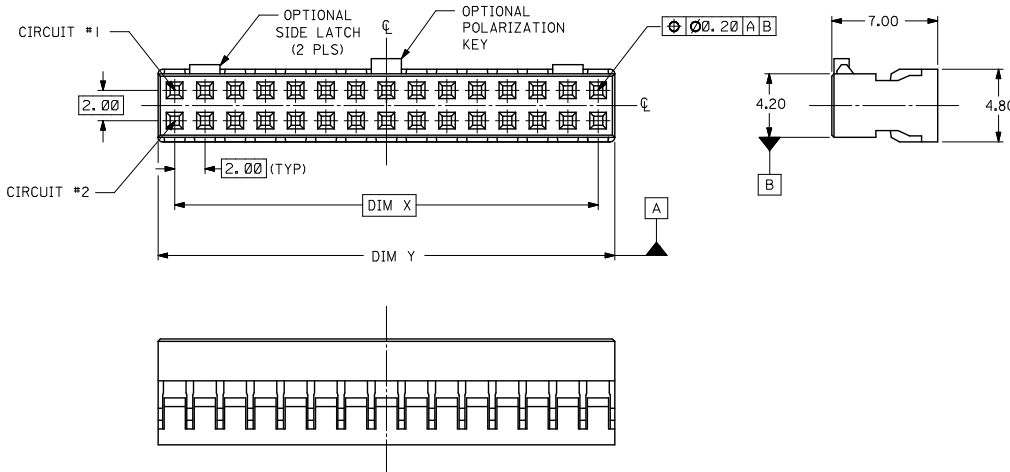
For any questions, you can email us directly:

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



<b>ADD OPTIONS</b> EC NO: S2015-0054 DRAWN: GENEALY 2014/07/24 CHKD: SCHEONG 2014/08/07 APPR: KHLIM 2014/08/19	<b>REV</b> B8	<b>DESCRIPTION</b> 2MM 18POS POLARIZED CONN HOUSING	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				4 PLACES ± ---	± ---	mm	INCH	DRAWN BY	DATE		TITLE
				3 PLACES ± ---	± ---			SKTOH	1993/10/26		2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING
				2 PLACES ± 0.20	± ---			CHECKED BY	DATE		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				ANGULAR ± 3°		APPROVED BY LBLEE		DATE 2014/07/22			
				MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-51110-XX5X		SHEET NO. 1 OF 2			

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
	=0 =0 =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	DOCUMENT NO.	
	SKTOH 1993/10/26 CHECKED BY DATE EDPOH 1993/10/26 APPROVED BY DATE BLEE 2014/07/22	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING	SD-51110-XX5X	
			MATERIAL NO.		SHEET NO.	
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 2

9 8 7 6 5 4 3 2 1