



- 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.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RE-MASTERED IN NX/ECTR		molex		
	DIMENSION UNITS	SCALE					
	$\nabla_A = 0$	mm	NTS	EC NO: 672815		2021/04/27	
	$\nabla_B = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: ABABUPS		2021/08/06	
$\nabla_C = 0$	ANGULAR TOL $\pm 3.0^\circ$		CHK'D: MRAMAKRISHNA		2021/08/06		
DIVISIONAL SYMBOLS	4 PLACES \pm		APPR: MRAMAKRISHNA		2021/08/06		
	3 PLACES \pm		INITIAL REVISION:		DOCUMENT NUMBER		
	2 PLACES ± 0.2		DRWN: SKTOH		SD-51110-XX5X		
	1 PLACE \pm		APPR: LBLEE		PSD 001 B10		
0 PLACES \pm		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SERIES	
				DRAWING		MATERIAL NUMBER	
				B-SIZE		CUSTOMER	
				51110		GENERAL MARKET	
				SEE TABLE		SHEET NUMBER	
						1 OF 2	

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 22 CIRCUITS ONLY)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RE-MASTERED IN NX/ECTR		molex					
	DIMENSION UNITS	SCALE								
$\nabla/A = 0$	mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)		2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING					
$\nabla/E = 0$	ANGULAR TOL $\pm 3.0^\circ$									
$\nabla/P = 0$	4 PLACES \pm									
DIVISIONAL SYMBOLS	3 PLACES \pm		EC NO: 672815		2021/04/27					
	2 PLACES ± 0.2		DRWN: ABABUPS		2021/08/06					
	1 PLACE \pm		CHK'D: MRAMAKRISHNA		2021/08/06					
	0 PLACES \pm		APPR: MRAMAKRISHNA		2021/08/06					
INITIAL REVISION:			DRWN: SKTOH		1993/10/26					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: LBLEE		2014/07/22					
THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		A3-SIZE		51110		SD-51110-XX5X		PSD	001	B10
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER						
SEE TABLE		GENERAL MARKET		2 OF 2						