



- 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.
 6. MATES WITH: 87758, 87759, 87760, 87831, 87832, 151013, 151117, 151118, 151119, 151120 & 87833.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE D PART NUMBER AS PER PCN #517549								
mm	NTS	<p>molex</p> <p>2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING</p> <p>PRODUCT CUSTOMER DRAWING</p>								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL	± 3.0°									
4 PLACES	±									
3 PLACES	±									
2 PLACES	± 0.2	EC NO: 839452	2025/11/04	DOCUMENT NUMBER						
1 PLACE	±	DRWN: PRANAA	2025/11/21	SD-51110-XX5X		DOC TYPE	DOC PART	REVISION		
0 PLACES	±	CHKD: GGA	2025/11/21	SEE TABLE		PSD	001	B12		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: GGA	2025/11/21	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
		INITIAL REVISION:	1993/10/26	GENERAL MARKET		1 OF 2				
		DRWN: SKTOH	2014/07/22							
		APPR: LBLEE								
		THIRD ANGLE PROJECTION	DRAWING	SERIES						
			B-SIZE	51110						

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
51110-3050	30	28.00	30.20
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
51110-2052	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)

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #517549			molex				
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 839452			2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING				
ANGULAR TOL ± 3.0°		DRWN: PRANAA 2025/11/04							
4 PLACES ±	CHK'D: GGA 2025/11/21			PRODUCT CUSTOMER DRAWING					
3 PLACES ±	APPR: GGA 2025/11/21								
2 PLACES ± 0.2	INITIAL REVISION:			DOCUMENT NUMBER					
1 PLACE ±	DRWN: SKTOH 1993/10/26								
0 PLACES ±	APPR: LBLEE 2014/07/22			SD-51110-XX5X PSD 001 B12					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING						SERIES
			A3-SIZE	51110	SEE TABLE	GENERAL MARKET	2 OF 2		