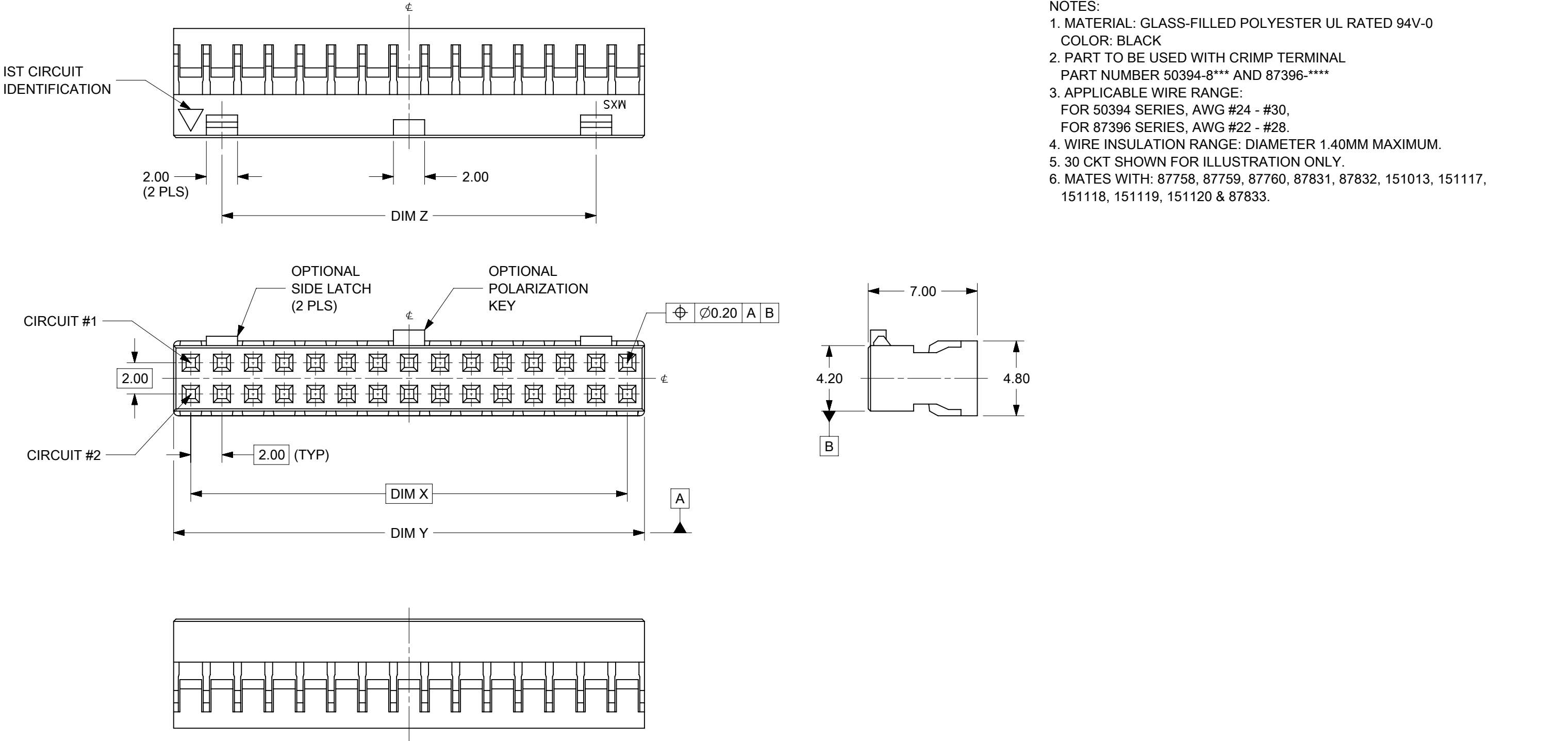




- NOTES:
1. MATERIAL: GLASS-FILLED POLYESTER UL RATED 94V-0
COLOR: BLACK
 2. PART TO BE USED WITH CRIMP TERMINAL
PART NUMBER 50394-8*** AND 87396-****
 3. APPLICABLE WIRE RANGE:
FOR 50394 SERIES, AWG #24 - #30,
FOR 87396 SERIES, AWG #22 - #28.
 4. WIRE INSULATION RANGE: DIAMETER 1.40MM MAXIMUM.
 5. 30 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 PART NUMBER AS PER PCN #517549				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 839452 DRWN: PRANAA2025/11/04 CHK'D: GGA2025/11/21 APPR: GGA2025/11/21 INITIAL REVISION: DRWN: SKTOH1993/10/26 APPR: LBLEE2014/07/22											
ANGULAR TOL ± 3.0 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.2													
1 PLACE		±													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		51110		SEE TABLE		GENERAL MARKET		1 OF 2	
										2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING PRODUCT CUSTOMER DRAWING					
DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION					
SD-51110-XX5X						PSD		001		B12					

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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 2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING			
mm		NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)								
ANGULAR TOL		±	3.0 °		EC NO: 839452 DRWN: PRANAA 2025/11/04 CHK'D: GGA 2025/11/21 APPR: GGA 2025/11/21			
4 PLACES		±						
3 PLACES		±						
2 PLACES		±	0.2	INITIAL REVISION: DRWN: SKTOH 1993/10/26 APPR: LBLEE 2014/07/22				
1 PLACE		±						
0 PLACES		±						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE	51110	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/11/21	08:28:36
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FORMAT: master-b-prod-A3
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DATE: 2021/05/01

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