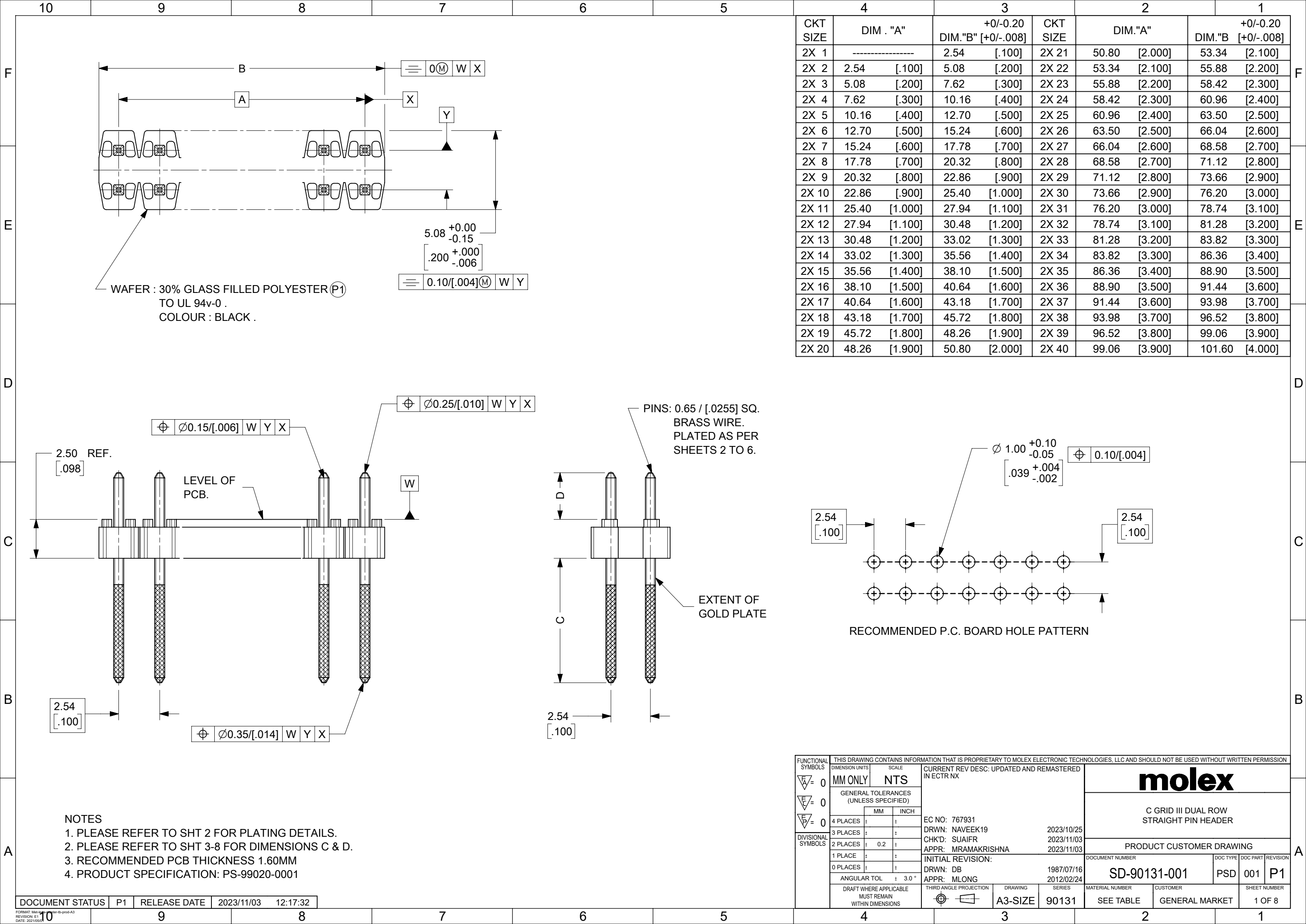




PLATING OPTIONS	PLATING DESCRIPTION
A	3.00µm MIN TIN OVER 1.27MIN NICKEL OVERALL
B	0.38µm MIN GOLD IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
C	0.76µm MIN GOLD IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
D	0.05-0.10µm GOLD FLASH IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
E	0.38µm MIN GOLD FLASH IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
F	0.76µm MIN GOLD IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
G	0.05-0.10µm GOLD FLASH IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FEP

=

0

DIVISIONAL SYMBOLS

DIMENSION UNITS

MM ONLY

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.2

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

3.0 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: UPDATED AND REMASTERED IN ECTR NX

EC NO: 767931

DRWN: NAVEEK19

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: DB

APPR: MLONG

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2023/10/25

2023/11/03

2023/11/03

1987/07/16

2012/02/24

A3-SIZE

90131

SEE TABLE

GENERAL MARKET

2 OF 8

DOCUMENT NUMBER

SD-90131-001

DOC TYPE

PSD

DOC PART

001

REVISION

P1

molex

C GRID III DUAL ROW STRAIGHT PIN HEADER

PRODUCT CUSTOMER DRAWING

10		9		8		7		6		5		4		3		2		1				
F			CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.														F		
			2 X 1	90131 - 0121	90131 - 0761	90131 - 0921																
			2 X 2	90131 - 0122	90131 - 0762	90131 - 0922																
			2 X 3	90131 - 0123	90131 - 0763	90131 - 0923																
			2 X 4	90131 - 0124	90131 - 0764	90131 - 0924																
			2 X 5	90131 - 0125	90131 - 0765	90131 - 0925																
			2 X 6	90131 - 0126	90131 - 0766	90131 - 0926																
			2 X 7	90131 - 0127	90131 - 0767	90131 - 0927																
			2 X 8	90131 - 0128	90131 - 0768	90131 - 0928																
E	DIM C ±0.20 [±.008] 6.75 [.266]		2 X 9	90131 - 0129	90131 - 0769	90131 - 0929																
			2 X 10	90131 - 0130	90131 - 0770	90131 - 0930																
			2 X 11	90131 - 0131	90131 - 0771	90131 - 0931																
			2 X 12	90131 - 0132	90131 - 0772	90131 - 0932																
			2 X 13	90131 - 0133	90131 - 0773	90131 - 0933																
			2 X 14	90131 - 0134	90131 - 0774	90131 - 0934																
			D	DIM D +0.20/-0.30 [+.008/-0.12] 2.90 [.114]		2 X 15														90131 - 0135	90131 - 0775	90131 - 0935
						2 X 16														90131 - 0136	90131 - 0776	90131 - 0936
						2 X 17														90131 - 0137	90131 - 0777	90131 - 0937
2 X 18	90131 - 0138	90131 - 0778				90131 - 0938																
2 X 19	90131 - 0139	90131 - 0779				90131 - 0939																
2 X 20	90131 - 0140	90131 - 0780				90131 - 0940																
2 X 21	90131 - 0141	90131 - 0781				90131 - 0941																
2 X 22	90131 - 0142	90131 - 0782				90131 - 0942																
2 X 23	90131 - 0143	90131 - 0783				90131 - 0943																
C			2 X 24	90131 - 0144	90131 - 0784	90131 - 0944																
			2 X 25	90131 - 0145	90131 - 0785	90131 - 0945																
			2 X 26	90131 - 0146	90131 - 0786	90131 - 0946																
			2 X 27	90131 - 0147	90131 - 0787	90131 - 0947																
			2 X 28	90131 - 0148	90131 - 0788	90131 - 0948																
			2 X 29	90131 - 0149	90131 - 0789	90131 - 0949																
			2 X 30	90131 - 0150	90131 - 0790	90131 - 0950																
			2 X 31	90131 - 0151	90131 - 0791	90131 - 0951																
			2 X 32	90131 - 0152	90131 - 0792	90131 - 0952																
B			2 X 33	90131 - 0153	90131 - 0793	90131 - 0953																
			2 X 34	90131 - 0154	90131 - 0794	90131 - 0954																
			2 X 35	90131 - 0155	90131 - 0795	90131 - 0955																
			2 X 36	90131 - 0156	90131 - 0796	90131 - 0956																
			2 X 37	90131 - 0157	90131 - 0797	90131 - 0957																
			2 X 38	90131 - 0158	90131 - 0798	90131 - 0958																
			2 X 39	90131 - 0159	90131 - 0799	90131 - 0959																
			2 X 40	90131 - 0160	90131 - 0800	90131 - 0960																
			A	STANDARD PRODUCTS															A			
DOCUMENT STATUS		P1	RELEASE DATE	2023/11/03	12:17:32																	
10		9		8		7		6		5		4		3		2		1				

FUNCTIONAL SYMBOLS

FA=

0

FE=

0

FP=

0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

MM ONLY

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.2

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

3.0 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED AND REMASTERED IN ECTR NX

EC NO: 767931

DRWN: NAVEEK19

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2023/10/25

2023/11/03

2023/11/03

INITIAL REVISION:

DRWN: DB

APPR: MLONG

1987/07/16

2012/02/24

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

90131

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 8

SD-90131-001

PSD

001

P1

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

molex

C GRID III DUAL ROW STRAIGHT PIN HEADER

PRODUCT CUSTOMER DRAWING

[illegible]

10		9		8		7		6		5		4		3		2		1			
F				CIRCUIT SIZE		PLATING TYPE B PART NO.		PLATING TYPE C PART NO.		PLATING TYPE D PART NO.		PLATING TYPE G PART NO.		F							
				2 X 1		90131 - 0281		90131 - 0441		90131 - 0601		90131 - 1081									
				2 X 2		90131 - 0282		90131 - 0442		90131 - 0602		90131 - 1082									
				2 X 3		90131 - 0283		90131 - 0443		90131 - 0603		90131 - 1083									
				2 X 4		90131 - 0284		90131 - 0444		90131 - 0604		90131 - 1084									
				2 X 5		90131 - 0285		90131 - 0445		90131 - 0605		90131 - 1085									
				2 X 6		90131 - 0286		90131 - 0446		90131 - 0606		90131 - 1086									
				2 X 7		90131 - 0287		90131 - 0447		90131 - 0607		90131 - 1087									
				2 X 8		90131 - 0288		90131 - 0448		90131 - 0608		90131 - 1088									
				2 X 9		90131 - 0289		90131 - 0449		90131 - 0609		90131 - 1089									
E		DIM C ±0.20 [±.008] 6.75 [.266]		2 X 10		90131 - 0290		90131 - 0450		90131 - 0610		90131 - 1090		E							
				2 X 11		90131 - 0291		90131 - 0451		90131 - 0611		90131 - 1091									
				2 X 12		90131 - 0292		90131 - 0452		90131 - 0612		90131 - 1092									
				2 X 13		90131 - 0293		90131 - 0453		90131 - 0613		90131 - 1093									
				2 X 14		90131 - 0294		90131 - 0454		90131 - 0614		90131 - 1094									
D		DIM D +0.20/-0.30 [+0.008/-0.012] 2.90 [.114]		2 X 15		90131 - 0295		90131 - 0455		90131 - 0615		90131 - 1095		D							
				2 X 16		90131 - 0296		90131 - 0456		90131 - 0616		90131 - 1096									
				2 X 17		90131 - 0297		90131 - 0457		90131 - 0617		90131 - 1097									
				2 X 18		90131 - 0298		90131 - 0458		90131 - 0618		90131 - 1098									
				2 X 19		90131 - 0299		90131 - 0459		90131 - 0619		90131 - 1099									
				2 X 20		90131 - 0300		90131 - 0460		90131 - 0620		90131 - 1100									
				2 X 21		90131 - 0301		90131 - 0461		90131 - 0621		90131 - 1101									
				2 X 22		90131 - 0302		90131 - 0462		90131 - 0622		90131 - 1102									
				2 X 23		90131 - 0303		90131 - 0463		90131 - 0623		90131 - 1103									
				2 X 24		90131 - 0304		90131 - 0464		90131 - 0624		90131 - 1104									
C				2 X 25		90131 - 0305		90131 - 0465		90131 - 0625		90131 - 1105		C							
				2 X 26		90131 - 0306		90131 - 0466		90131 - 0626		90131 - 1106									
				2 X 27		90131 - 0307		90131 - 0467		90131 - 0627		90131 - 1107									
				2 X 28		90131 - 0308		90131 - 0468		90131 - 0628		90131 - 1108									
				2 X 29		90131 - 0309		90131 - 0469		90131 - 0629		90131 - 1109									
				2 X 30		90131 - 0310		90131 - 0470		90131 - 0630		90131 - 1110									
				2 X 31		90131 - 0311		90131 - 0471		90131 - 0631		90131 - 1111									
				2 X 32		90131 - 0312		90131 - 0472		90131 - 0632		90131 - 1112									
				2 X 33		90131 - 0313		90131 - 0473		90131 - 0633		90131 - 1113									
				2 X 34		90131 - 0314		90131 - 0474		90131 - 0634		90131 - 1114									
B				2 X 35		90131 - 0315		90131 - 0475		90131 - 0635		90131 - 1115		B							
				2 X 36		90131 - 0316		90131 - 0476		90131 - 0636		90131 - 1116									
				2 X 37		90131 - 0317		90131 - 0477		90131 - 0637		90131 - 1117									
				2 X 38		90131 - 0318		90131 - 0478		90131 - 0638		90131 - 1118									
				2 X 39		90131 - 0319		90131 - 0479		90131 - 0639		90131 - 1119									
				2 X 40		90131 - 0320		90131 - 0480		90131 - 0640		90131 - 1120									
				A		NON-STANDARD PRODUCTS NOT FOR GENERAL RELEASE														A	
DOCUMENT STATUS		P1	RELEASE DATE											2023/11/03 12:17:32	7						
10		9		8		7		6		5		4		3		2		1			

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FP

=

0

DIVISIONAL SYMBOLS

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: UPDATED AND REMASTERED IN ECTR NX

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACES ±

0 PLACES ±

ANGULAR TOL ± 3.0 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

EC NO: 767931

DRWN: NAVEEK19

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: DB

APPR: MLONG

2023/10/25

2023/11/03

2023/11/03

1987/07/16

2012/02/24

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

90131

SEE TABLE

GENERAL MARKET

6 OF 8

SD-90131-001

PSD

001

P1

PRODUCT CUSTOMER DRAWING

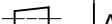
DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

10	9	8	7	6	5	4	3	2	1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS FA= 0 FE= 0 FP= 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED AND REMASTERED IN ECTR NX			molex				
	MM ONLY		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 767931 DRWN: NAVEEK19 2023/10/25 CHK'D: SUAIFR 2023/11/03 APPR: MRAMAKRISHNA 2023/11/03 INITIAL REVISION: DRWN: DB 1987/07/16 APPR: MLONG 2012/02/24				
		MM	INCH									
	4 PLACES	±	±									
	3 PLACES	±	±									
	2 PLACES	±	0.2 ±									
	1 PLACE	±	±									
	0 PLACES	±	±									
	ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION 				DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE					90131			
DOCUMENT NUMBER								DOC TYPE		DOC PART		REVISION
SD-90131-001								PSD		001		P1
MATERIAL NUMBER				CUSTOMER				SHEET NUMBER				
SEE TABLE				GENERAL MARKET				7 OF 8				

CIRCUIT SIZE	PLATING TYPE A PART NO.	PIN PART NUMBER	WAFER PART NUMBER	±0.20 DIM C [±.008]	+0.20/-0.30 DIM D [+0.008/-0.012]
2 X 6	90131-3126	90129-2008	90131-0040	14.60 [.575]	2.38 [.094]
2 X 36	90131-3128	90129-2008	90131-0040	14.60 [.575]	2.38 [.094]
2 X 40	90131-3127	90129-2008	90131-0040	14.60 [.575]	2.38 [.094]

STANDARD PRODUCTS

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FP

=

0

DIVISIONAL SYMBOLS

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DIMENSION UNITS

MM ONLY

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: UPDATED AND REMASTERED
IN ECTR NX

EC NO: 767931

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2023/10/25

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INITIAL REVISION:

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THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

90131

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

8 OF 8

DOCUMENT NUMBER

SD-90131-001

DOC TYPE

PSD

DOC PART

001

REVISION

P1

DOCUMENT STATUS

P1

RELEASE DATE

2023/11/03 12:17:32

10987654321

F

E

D

C

B

A

10987654321

F

E

D

C

B

A