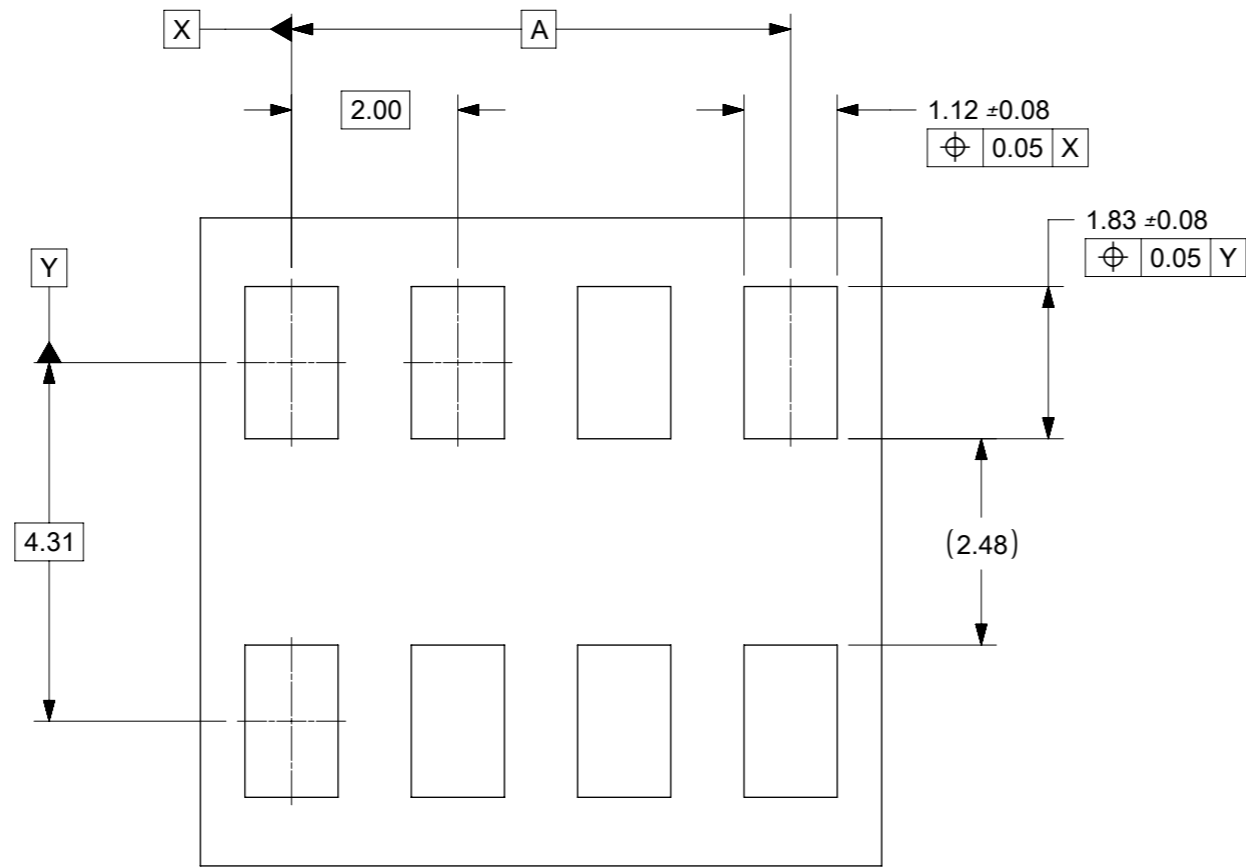
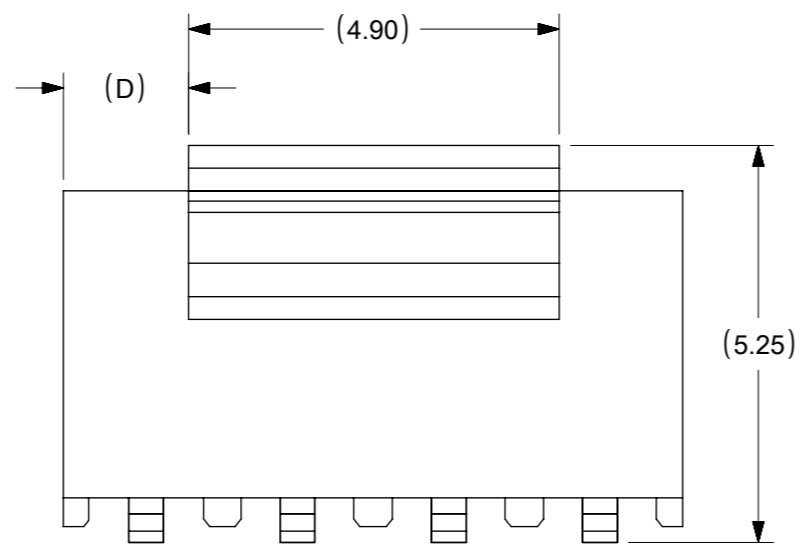


- NOTES:
- MATERIALS:  
HOUSING: LCP, GLASS FILLED, UL94V-0, BLACK  
TERMINAL: COPPER ALLOY  
CAP: NYLON, GLASS FILLED, BLACK
  - FINISHES: 2.50μM TIN OVER 1.25μM NICKEL UNDERPLATE
  - PRODUCT SPECIFICATION: PS-78788-001
  - PACKAGING SPECIFICATION: SEE TABLE
  - MATES WITH: 87758, 87759, 87760, 87831, 87832, 87833
  - MOLEX LOGO AND CAVITY ID IS LOCATED APPROXIMATELY AS SHOWN
  - FOR ILLUSTRATION, 8 CIRCUITS IS SHOWN
  - CIRCUIT NUMBERS ARE COUNTED FROM LEFT TO RIGHT ON TOP VIEW WITH RECESSED GATE ALWAYS ON THE RIGHT
  - SEE SHEET 2 FOR CIRCUIT SIZE PART NUMBER & DIMENSIONS
  - MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF THE TOE TO TIP OF THE TERMINAL

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: CKT POS CHANGE						<b>molex</b>	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055		DRWN: HK02		2019/05/15		SALES DRAWING	
				CHK'D: NMANE02		APPR: MRAMAKRISHNA		2019/07/09		2MM DUAL ROW, SMT MILLIGRID VERT RECEPT	
				INITIAL REVISION:		DRWN: GMENARLY		2012/11/20		PRODUCT CUSTOMER DRAWING	
4 PLACES ±				APPR: KHLIM		2014/07/21		2014/07/21		DOCUMENT NUMBER	
3 PLACES ±										SD-78788-002	
2 PLACES ± 0.25 ±										DOC TYPE	
1 PLACE ±										PSD	
0 PLACES ±										DOC PART	
ANGULAR TOL ± 3.0°										001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				A3-SIZE		78788		MATERIAL NUMBER		A3	
								CUSTOMER		SHEET NUMBER	
								GENERAL MARKET		1 OF 4	



RECOMMENDED PCB LAYOUT



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DIMENSION UNITS		SCALE		CURRENT REV DESC: CKT POS CHANGE				<b>molex</b>	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055				SALES DRAWING	
				DRWN: HK02 2019/05/15				2MM DUAL ROW, SMT MILLIGRID VERT RECEPT	
4 PLACES ±				CHK'D: NMANE02 2019/07/09				PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: MRAMAKRISHNA 2019/07/09					
2 PLACES ± 0.25 ±				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ±				DRWN: GMENARLY 2012/11/20				SD-78788-002	
0 PLACES ±				APPR: KHLIM 2014/07/21				PSD 001 A3	
ANGULAR TOL ± 3.0°				THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		78788		MATERIAL NUMBER	
				GENERAL MARKET		CUSTOMER		SHEET NUMBER	
								2 OF 4	

CIRCUIT NUMBER	PART NUMBER WITH CAP IN T&R	TOOLED	PART NUMBER WITHOUT CAP IN T&R	TOOLED	PART NUMBER WITH CAP IN TUBE	TOOLED	PART NUMBER WITHOUT CAP IN TUBE	TOOLED	DIM A	DIM B	DIM D (WITH CAP OPTION)
6	78788-0621	YES	78788-0622	YES	78788-0623		78788-0624		4	6.19	0.65
8	78788-0821	YES	78788-0822	YES	78788-0823		78788-0824		6	8.19	1.65
10	78788-1021	YES	78788-1022	YES	78788-1023		78788-1024		8	10.19	2.65
12	78788-1221	YES	78788-1222	YES	78788-1223		78788-1224		10	12.19	3.65
14	78788-1421	YES	78788-1422	YES	78788-1423		78788-1424		12	14.19	4.65
16	78788-1621	YES	78788-1622	YES	78788-1623		78788-1624		14	16.19	5.65
18	78788-1821	YES	78788-1822	YES	78788-1823		78788-1824		16	18.19	6.65
20	78788-2021	YES	78788-2022	YES	78788-2023		78788-2024		18	20.19	7.65
22	78788-2221	NO	78788-2222	NO	78788-2223		78788-2224		20	22.19	8.65
24	78788-2421	YES	78788-2422	YES	78788-2423		78788-2424		22	24.19	9.65
26	78788-2621	NO	78788-2622	NO	78788-2623		78788-2624		24	26.19	10.65
28	78788-2821	NO	78788-2822	NO	78788-2823	YES	78788-2824	YES	26	28.19	11.65
30	78788-3021	YES	78788-3022	YES	78788-3023		78788-3024		28	30.19	12.65
32	78788-3221	NO	78788-3222	NO	78788-3223		78788-3224		30	32.19	13.65
34	78788-3421	NO	78788-3422	NO	78788-3423		78788-3424		32	34.19	14.65
36	78788-3621	NO	78788-3622	NO	78788-3623		78788-3624		34	36.19	15.65
38	78788-3821	NO	78788-3822	NO	78788-3823		78788-3824		36	38.19	16.65
40	78788-4021	YES	78788-4022	YES	78788-4023		78788-4024		38	40.19	17.65
42	78788-4221	NO	78788-4222	NO	78788-4223		78788-4224		40	42.19	18.65
44	78788-4421	NO	78788-4422	NO	78788-4423		78788-4424		42	44.19	19.65
46	78788-4621	NO	78788-4622	NO	78788-4623		78788-4624		44	46.19	20.65
48	78788-4821	NO	78788-4822	NO	78788-4823		78788-4824		46	48.19	21.65
50	78788-5021	YES	78788-5022	YES	78788-5023		78788-5024		48	50.19	22.65

## PART NUMBER LEGEND

78788 - X X X X


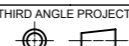
CIRCUIT NUMBER

2. WITHOUT PEG

- CAP IN TAPE & REEL
- WITHOUT CAP IN TAPE & REEL
- CAP IN TUBE
- WITHOUT CAP IN TUBE

### PACKAGING SPECIFICATION

PART NUMBER	PACKAGING SPECIFICATION
78788-XX21	PK-78788-001
78788-XX22	PK-78788-002
78788-XX23	PK-78788-003
78788-XX24	PK-78788-004

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DIMENSION UNITS		SCALE		CURRENT REV DESC: CKT POS CHANGE							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055		DRWN: HK02		2019/05/15		SALES DRAWING	
				CHK'D: NMANE02		2019/07/09		2MM DUAL ROW, SMT MILLIGRID VERT RECEIPT			
				APPR: MRAMAKRISHNA		2019/07/09		PRODUCT CUSTOMER DRAWING			
				INITIAL REVISION:		DRWN: GMENARLY		2012/11/20		DOCUMENT NUMBER	
				APPR: KHLIM		2014/07/21		SD-78788-002		DOC TYPE DOC PART REVISION	
				ANGULAR TOL ± 3.0°				PSD		001 A3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		78788		CUSTOMER	
								SEE TABLE		GENERAL MARKET	
										SHEET NUMBER	
										3 OF 4	

**BOARD TO BOARD (BTB) DISTANCE**

RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW
78788	87831	7.15	
	87832	8.35	
	151117	7.15	
	151118	8.35	

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DIMENSION UNITS		SCALE		CURRENT REV DESC: CKT POS CHANGE									
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055				SALES DRAWING 2MM DUAL ROW, SMT MILLIGRID VERT RECEPT					
				DRWN: HK02 2019/05/15									
4 PLACES		±		CHK'D: NMANE02 2019/07/09				PRODUCT CUSTOMER DRAWING					
3 PLACES		±		APPR: MRAMAKRISHNA 2019/07/09									
2 PLACES		± 0.25		INITIAL REVISION:				DOCUMENT NUMBER					
1 PLACE		±		DRWN: DRWN BY XXXX/XX/XX				SD-78788-002		DOC TYPE		DOC PART	
0 PLACES		±		APPR: APPR BY XXXX/XX/XX				PSD		001		A3	
ANGULAR TOL ± 3.0°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE				78788		MATERIAL NUMBER		CUSTOMER	
				GENERAL MARKET						SHEET NUMBER		4 OF 4	