



- 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				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM		INCH					
4 PLACES		±		±		EC NO: 619055			
3 PLACES		±		±		DRWN: HK02 2019/05/15			
2 PLACES		± 0.25		±		CHK'D: NMANE02 2019/07/09			
1 PLACE		±		±		APPR: MRAMAKRISHNA 2019/07/09			
0 PLACES		±		±		INITIAL REVISION:			
ANGULAR TOL		± 3.0°				DRWN: GMENARLY 2012/11/20			
						APPR: KHLIM 2014/07/21			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		78788		MATERIAL NUMBER	
				SEE TABLE		GENERAL MARKET		CUSTOMER	
								SHEET NUMBER	
								1 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	YES	78788-0624	YES	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		78788-2824		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						molex	
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:				DOCUMENT NUMBER		DOC TYPE	
				DRWN: GMENARLY		2012/11/20		SD-78788-002		PSD	
				APPR: KHLIM		2014/07/21		001		A3	
ANGULAR TOL ± 3.0°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		78788		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				
				DRWN: HK02 2019/05/15				2MM DUAL ROW, SMT MILLIGRID VERT RECEPT				
				CHK'D: NMANE02 2019/07/09				PRODUCT CUSTOMER DRAWING				
				APPR: MRAMAKRISHNA 2019/07/09								
4 PLACES ±				INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES ±				DRWN: DRWN BY				SD-78788-002		PSD	001	A3
2 PLACES ± 0.25				APPR: APPR BY								
1 PLACE ±				ANGULAR TOL ± 3.0°								
0 PLACES ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
								A3-SIZE		78788	CUSTOMER	SHEET NUMBER
								GENERAL MARKET			4 OF 4	