

CKT SIZE	DIMENSION				
	A	B	C	D	E
4	2.00	4.85	6.65	5.00	—
6	4.00	6.85	8.65	7.00	—
8	6.00	8.85	10.65	9.00	—
10	8.00	10.85	12.65	11.00	—
12	10.00	12.85	14.65	13.00	—
14	12.00	14.85	16.65	15.00	8.00
16	14.00	16.85	18.65	17.00	10.00
18	16.00	18.85	20.65	19.00	12.00
20	18.00	20.85	22.65	21.00	14.00
22	20.00	22.85	24.65	23.00	16.00
24	22.00	24.85	26.65	25.00	18.00
26	24.00	26.85	28.65	27.00	20.00
28	26.00	28.85	30.65	29.00	22.00
30	28.00	30.85	32.65	31.00	24.00
32	30.00	32.85	34.65	33.00	26.00
34	32.00	34.85	36.65	35.00	28.00
36	34.00	36.85	38.65	37.00	30.00
38	36.00	38.85	40.65	39.00	32.00
40	38.00	40.85	42.65	41.00	34.00
42	40.00	42.85	44.65	43.00	36.00
44	42.00	44.85	46.65	45.00	38.00
46	44.00	46.85	48.65	47.00	40.00
48	46.00	48.85	50.65	49.00	42.00
50	48.00	50.85	52.65	51.00	44.00

- NOTES:
- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL :
HOUSING : LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, GLASS FILLED. COLOR: BLACK.
PIN : 0.50MM SQ. COPPER ALLOY.
 - PRODUCT SPECIFICATION PS-151117-0001 APPLIES.
 - RIB LOCATION VARIES, DEPENDING ON CKT SIZES.
 - CKT 4 AND 6 HAS NO IDENTIFICATION TAG.
 - GAUGING AT SOLDER TAIL.
 - REFER TO PACKAGING SPECIFICATION
FOR TUBE : PK-151117-0001
FOR TAPE & REEL : PK-151117-3000
 - CAVITY ID AND MX LOGO SHALL BE LOCATED APPROXIMATELY AS SHOWN.

- NOTE CONTINUE.
- POSITION OF CAP TO BE LOCATED AT CENTER OF DIM A, IRREGARDLESS OF CKT SIZES. TOP SURFACE OF CAP TO BE FLAT FOR PICK & PLACE PURPOSE.
 - SINGLE LOCK FEATURE FOR CKT 4-12.
 - DUAL LOCKS FEATURE FOR CKT 14 AND ABOVE.
 - DETAIL 1 AND DETAIL 2 FOR MMC REFERENCE ONLY.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS	SCALE	EC NO: 619055			
mm	NTS	DRWN: HK02 2019/05/13		MGRID, SHROUDED HEADER THROUGH HOLE	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: NMANE02 2019/07/09		PRODUCT CUSTOMER DRAWING	
4 PLACES	±	APPR: MRAMAKRISHNA 2019/07/09		DOCUMENT NUMBER	
3 PLACES	±	INITIAL REVISION:		DOC TYPE	
2 PLACES	± 0.2	DRWN: ATSEE 2014/10/09		DOC PART	
1 PLACE	±	APPR: KHLIM 2015/06/18		REVISION	
0 PLACES	±	ANGULAR TOL ± 3.0°		SD-151117-0001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	151117	CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 3

PLATING OPTIONS

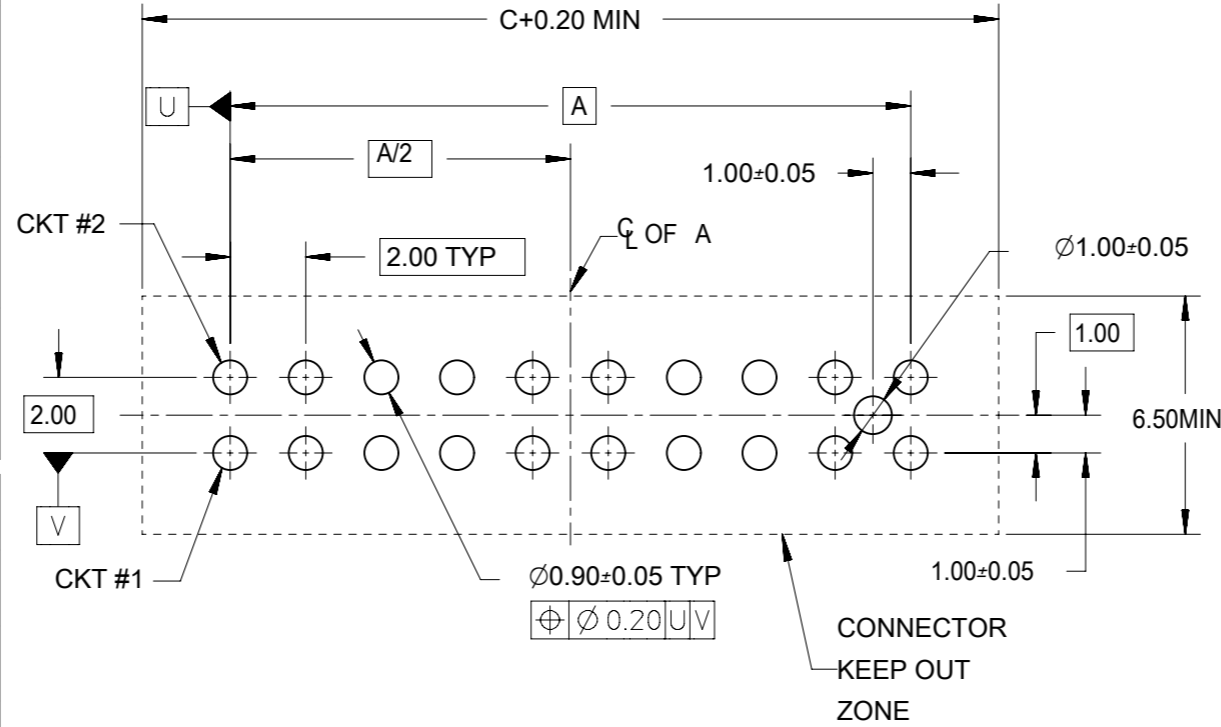
-X0XX AND -X4XX	2.00µm MIN. TIN OVERALL 1.25µm MIN. NICKEL OVERALL
-X1XX AND -X5XX	0.05µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X2XX AND -X6XX	0.38µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X3XX AND -X7XX	0.75µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.

TAIL LENGTH P (mm)	RECOMMENDED PCB THICKNESS (mm)
2.60	1.60
3.60	2.60
4.60	3.60

ASSEMBLY
151117 - X X X X

04 - 50	4-50 CKT W/O PEG
54 - 00	4-50 CKT WITH PEG
50+(#)CKT	54 = 4CKT 56 = 6CKT . . 98 = 48CKT 00 = 50CKT
# = NO OF CKT	

PLATING		CAP VERSION
0	FULL TIN	WITHOUT CAP
1	Au FLASH	(FOR TUBE PACKAGING ONLY)
2	0.38 Au	WITH CAP
3	0.75 Au	(FOR TUBE AND T&R PACKAGING)
4	FULL TIN	OTHER OPTIONS
5	Au FLASH	
6	0.38 Au	
7	0.75 Au	
8		
9		

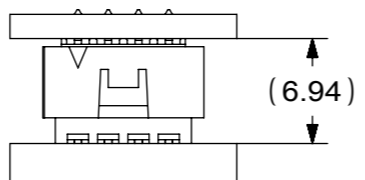
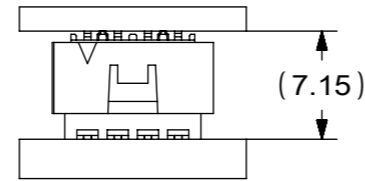
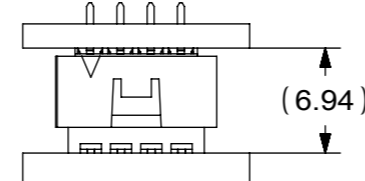
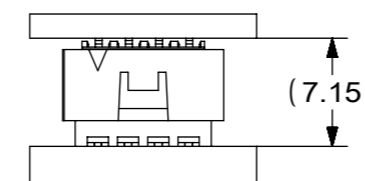



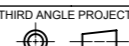
RECOMMENDED PCB PATTERN

	TAIL P LENGTH	PACKAGING
0	2.60	TAPE & REEL
1	3.60	
2	4.60	
3	2.60	TUBE
4	3.60	
5	4.60	OTHER OPTIONS
6		
7		
8		
9		

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055		2019/05/13		ASSEMBLY	
				DRWN: HK02		2019/07/09		MGRID, SHROUDED HEADER THROUGH HOLE	
				CHK'D: NMANE02		2019/07/09		PRODUCT CUSTOMER DRAWING	
				APPR: MRAMAKRISHNA		2019/07/09		DOCUMENT NUMBER	
				INITIAL REVISION:		2014/10/09		SD-151117-0001	
				DRWN: ATSEE		2015/06/18		DOC TYPE	
				APPR: KHLIM				PSD	
				ANGULAR TOL ± 3.0°				DOC PART	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				001	
				THIRD ANGLE PROJECTION				REVISION	
				DRAWING		A3-SIZE		A3	
				SERIES		151117		SHEET NUMBER	
				MATERIAL NUMBER		SEE SHEET 1		2 OF 3	
				CUSTOMER		GENERAL MARKET			

BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DISTANCE	PICTORIAL VIEW
151117	78787	6.94	
	78788	7.15	
	79107	6.94	
	79109	7.15	

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mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055				ASSEMBLY				
				DRWN: HK02 2019/05/13				MGRID, SHROUDED HEADER THROUGH HOLE				
				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 XXXX/XX/XX				SD-151117-0001		PSD	001	A3
2 PLACES ± 0.2				APPR: APPR BY XXXX/XX/XX								
1 PLACE ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
0 PLACES ±								A3-SIZE	151117	CUSTOMER		SHEET NUMBER
ANGULAR TOL ± 3.0°								GENERAL MARKET				3 OF 3