

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:		<b>molex</b>	
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

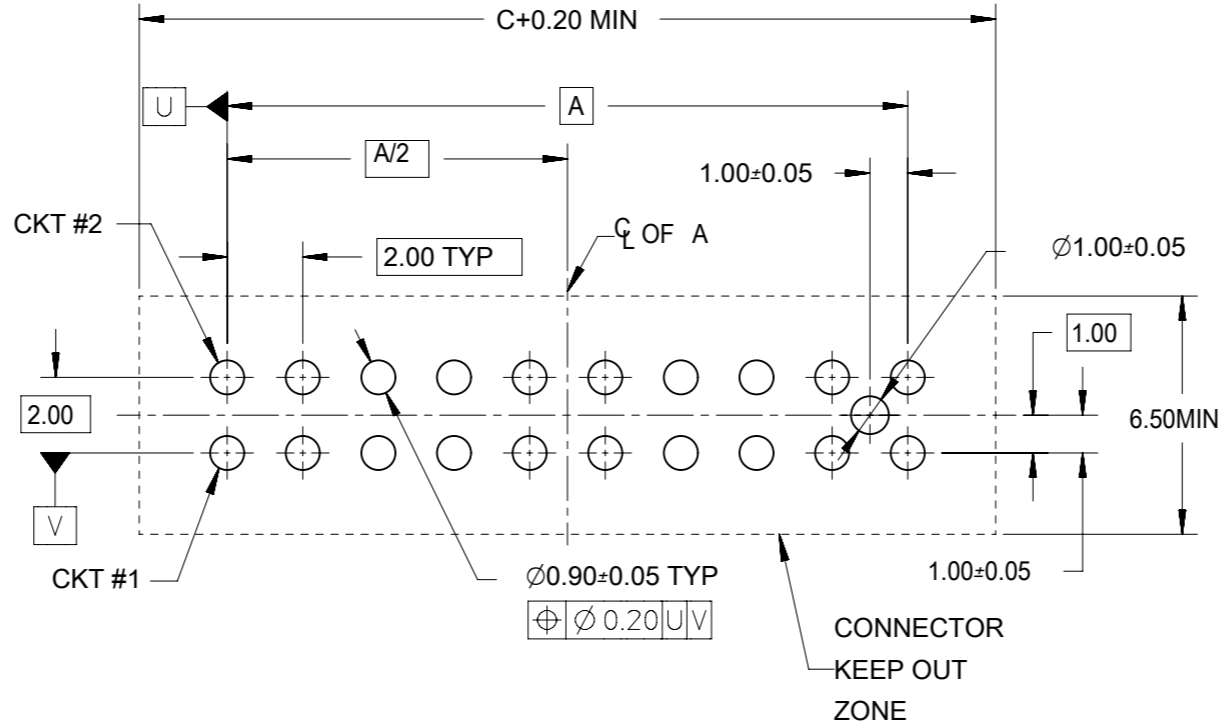
-X0XX AND -X4XX	2.00µm MIN. TIN OVERALL 1.25µm MIN. NICKEL OVERALL
-X1XX AND -X5XX	0.05µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL OVERALL.
-X2XX AND -X6XX	0.38µm MIN. GOLD PLATE ON CONTACT AND 2.00µm MIN. TIN(MATTE) ON SOLDERTAIL OVER 1.25µm MIN. NICKEL 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 (FOR TUBE PACKAGING ONLY)
1	Au FLASH	
2	0.38 Au	
3	0.75 Au	WITH CAP (FOR TUBE AND T&R PACKAGING)
4	FULL TIN	
5	Au FLASH	
6	0.38 Au	
7	0.75 Au	
8	OTHER OPTIONS	
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	
6		OTHER OPTIONS
7		
8		
9		

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:						<b>molex</b>	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055		2019/05/13		ASSEMBLY MGRID, SHROUDED HEADER THROUGH HOLE		PRODUCT CUSTOMER DRAWING	
4 PLACES ±		±		DRWN: HK02		2019/07/09					
3 PLACES ±		±		CHK'D: NMANE02		2019/07/09					
2 PLACES ±		0.2 ±		APPR: MRAMAKRISHNA		2019/07/09		DOCUMENT NUMBER		DOC TYPE	DOC PART
1 PLACE ±		±		INITIAL REVISION:		2014/10/09		SD-151117-0001		PSD	001
0 PLACES ±		±		DRWN: ATSEE		2015/06/18		REVISION		A3	
ANGULAR TOL ± 3.0°				APPR: KHLIM				MATERIAL NUMBER		CUSTOMER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
				A3-SIZE		151117		SEE SHEET 1		GENERAL MARKET	
										2 OF 3	

**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	

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:								
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				SD-151117-0001		PSD	001	A3
2 PLACES ± 0.2				APPR: APPR BY								
1 PLACE ±				THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
0 PLACES ±				DRAWING						GENERAL MARKET		3 OF 3
ANGULAR TOL ± 3.0°				SERIES				151117				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE								