

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

- 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.
 4. RIB LOCATION VARIES, DEPENDING ON CKT SIZES.
 5. CKT 4 AND 6 HAS NO IDENTIFICATION TAG.
 6. POSITION OF CAP TO BE LOCATED AT CENTER OF DIM A, IRREGARDLESS OF CKT SIZE. TOP SURFACE OF CAP TO BE FLAT FOR PICK & PLACE PURPOSE.
 7. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
 8. CAVITY ID AND MX LOGO SHALL BE LOCATED APPROXIMATELY AS SHOWN.

- 9 SINGLE LOCK FEATURE FOR 4-12CKT.
- 10 DUAL LOCK FEATURE FOR 14CKT AND ABOVE.
- 11 DETAIL 2 FOR MMC REFERENCE ONLY.
- 12 BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG IT DOES NOT AFFECT THE OVERALL COPLANARITY OF THE TAIL.

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:	molex		
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)			ASSEMBLY		
			MGRID, SHROUDED HEADER SMT		
4 PLACES ±			PRODUCT CUSTOMER DRAWING		
3 PLACES ±			DOCUMENT NUMBER		
2 PLACES ± 0.2			SD-151118-0001		
1 PLACE ±			DOC TYPE		
0 PLACES ±			PSD		
ANGULAR TOL ± 3.0°			DOC PART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			001		
THIRD ANGLE PROJECTION			REVISION		
DRAWING			A4		
SERIES			SHEET NUMBER		
A3-SIZE			1 OF 3		
151118			MATERIAL NUMBER		
SEE TABLE			CUSTOMER		
GENERAL MARKET					

ASSEMBLY

151118 - X X X X

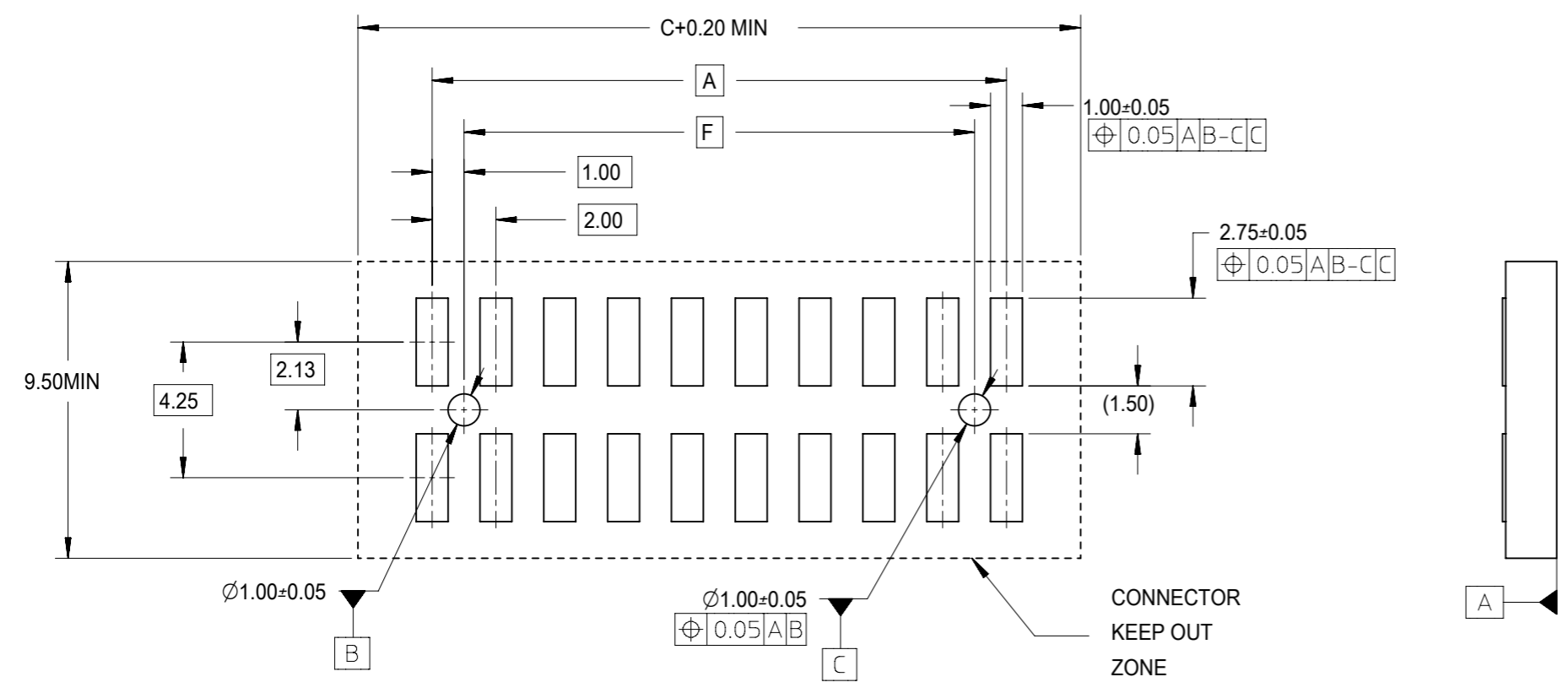
04 - 50	4-50 CKT W/O PEG
54 - 00	4-50 CKT WITH PEG
50+(#)CKT	54 = 4CKT 56 = 6CKT . . . 98 = 48CKT 00 = 50CKT
# = NO OF CKT	

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

PACKAGING	
0	T & R
1	TUBE
2	T&R WITH MODIFIEFD RIB LOCATION
3	OTHER OPTIONS
4	
5	
6	
7	
8	
9	

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.



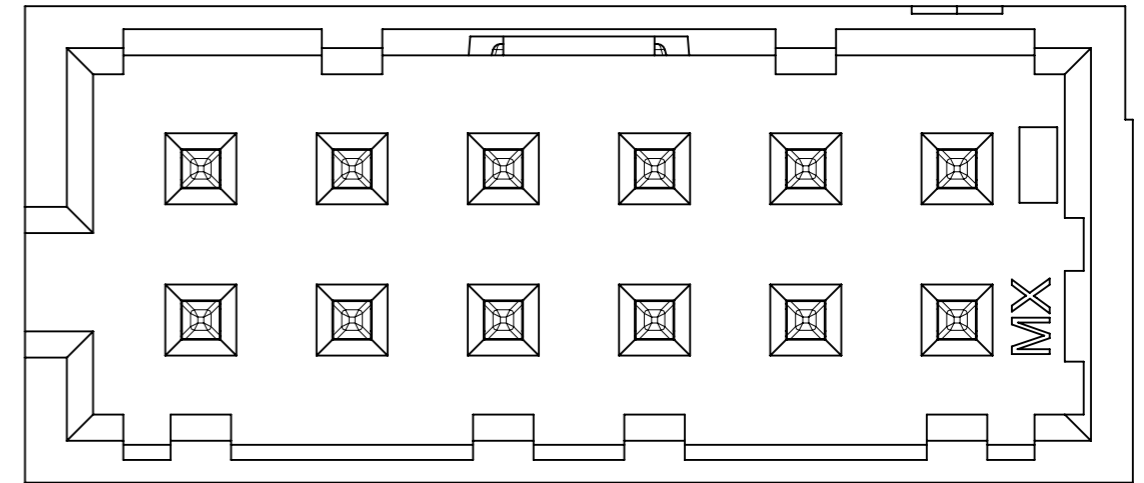
NOTES CONTINUE :
 13. REFER TO PACKAGING SPECIFICATION
 FOR TUBE : PK-151118-0001
 FOR TAPE & REEL : PK-151118-3000

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DIMENSION UNITS: mm		SCALE: NTS		ASSEMBLY MGRID, SHROUDED HEADER SMT	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 646485		DOCUMENT NUMBER: SD-151118-0001	
4 PLACES ±		DRWN: ABABUPS 2020/08/14		DOC TYPE: PSD	
3 PLACES ±		CHK'D: MRAMAKRISHNA 2020/10/05		DOC PART: 001	
2 PLACES ± 0.2 ±		APPR: MRAMAKRISHNA 2020/10/05		REVISION: A4	
1 PLACE ±		INITIAL REVISION:		MATERIAL NUMBER: SEE TABLE	
0 PLACES ±		DRWN: ATSEE 2014/10/10		CUSTOMER: GENERAL MARKET	
ANGULAR TOL ± 3.0°		APPR: KHLIM 2015/11/05		SHEET NUMBER: 2 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A3-SIZE	
		SERIES: 151118			

BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DISTANCE	PICTORIAL VIEW
151118	78787	8.14	
	78788	8.35	
	79107	8.14	
	79109	8.35	

MODIFIED RIB LOCATION ONLY FOR 151118-2X12



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DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 646485		DRWN: ABABUPS		2020/08/14		ASSEMBLY	
				CHK'D: MRAMAKRISHNA		2020/10/05		MGRID, SHROUDED HEADER SMT			
				APPR: MRAMAKRISHNA		2020/10/05		PRODUCT CUSTOMER DRAWING			
				INITIAL REVISION:		DRWN: DRWN BY		XXXX/XX/XX		DOCUMENT NUMBER	
				APPR: APPR BY		XXXX/XX/XX		SD-151118-0001		DOC TYPE	
				ANGULAR TOL ± 3.0°		SERIES		151118		DOC PART	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		REVISION	
						A3-SIZE		GENERAL MARKET		001 A4	
						SHEET NUMBER		3 OF 3			