

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.

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

ASSEMBLY

151118 - X X X X

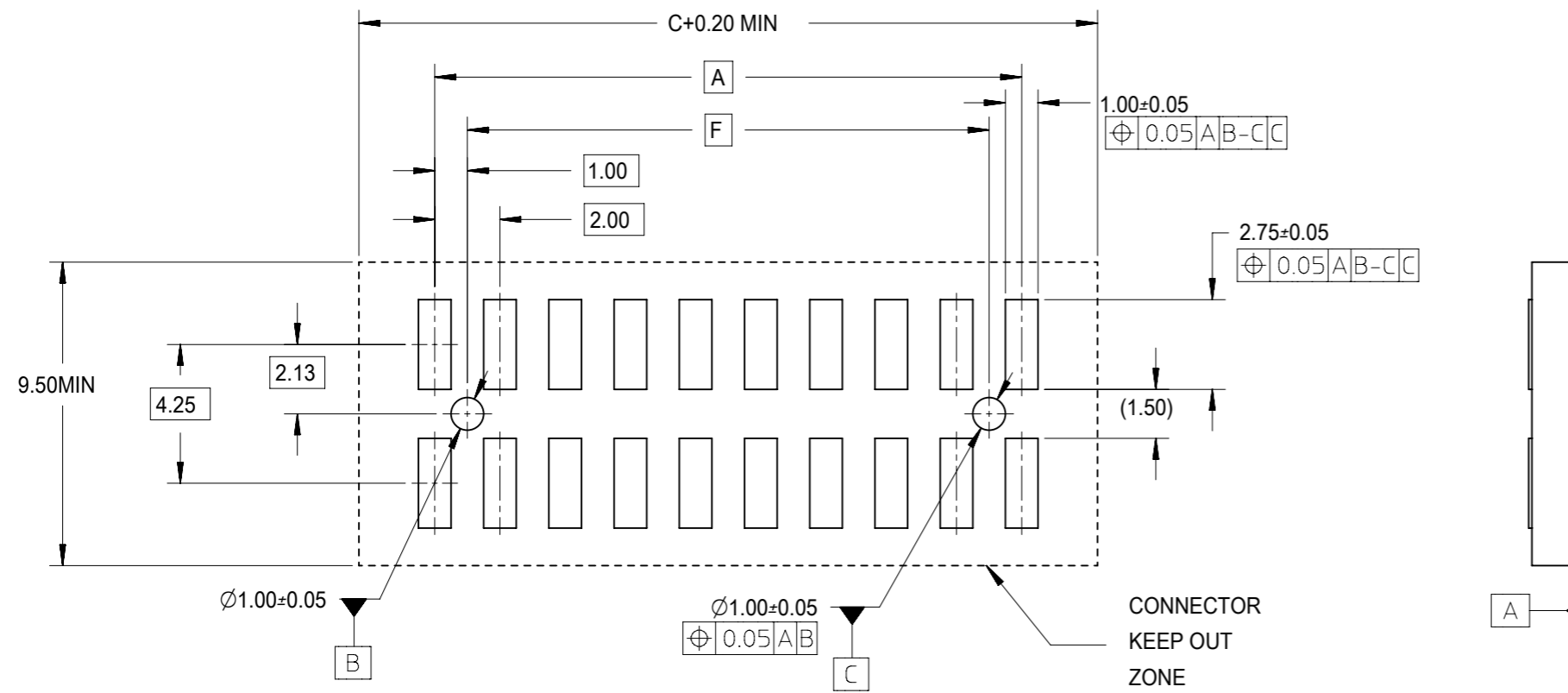
PLATING OPTIONS

-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.

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
1	Au FLASH	CAP
2	0.38 Au	(FOR TUBE
3	0.75 Au	PACKAGING ONLY)
4	FULL TIN	WITH
5	Au FLASH	CAP
6	0.38 Au	(FOR TUBE AND
7	0.75 Au	T&R PACKAGING)
8	OTHER OPTIONS	
9	OTHER OPTIONS	

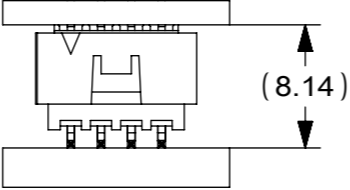
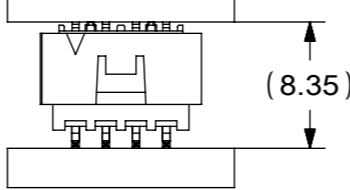
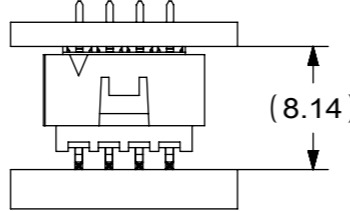
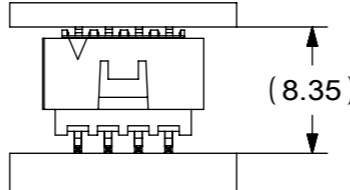
PACKAGING	
0	T & R
1	TUBE
2	T&R WITH MODIFIEFD RIB LOCATION
3	OTHER OPTIONS
4	
5	
6	
7	
8	
9	



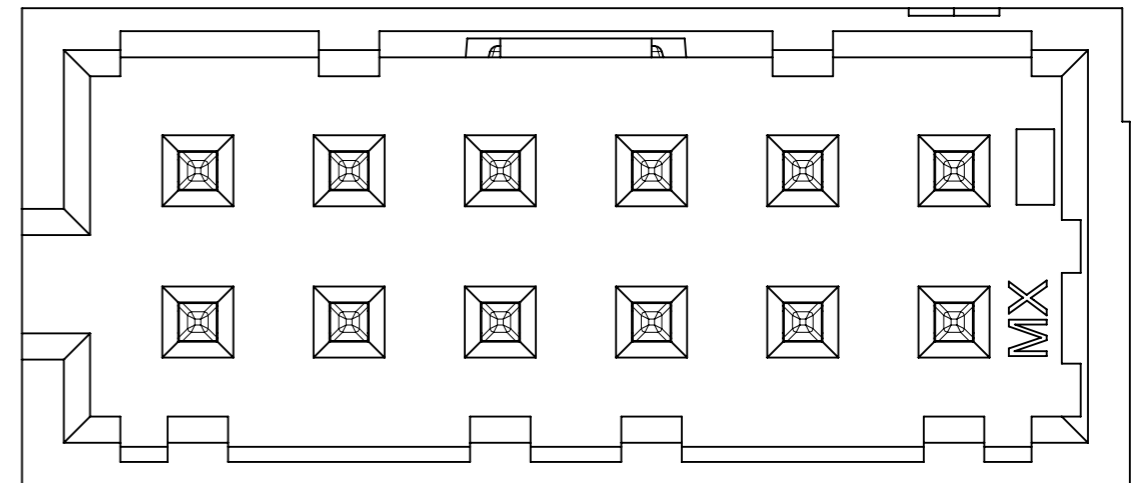
NOTES CONTINUE :
13. REFER TO PACKAGING SPECIFICATION
FOR TUBE : PK-151118-0001
FOR TAPE & REEL : PK-151118-3000

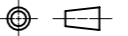
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS	SCALE	EC NO: 646485			
mm	NTS	DRWN: ABABUPS 2020/08/14		ASSEMBLY MGRID, SHROUDED HEADER SMT	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: MRAMAKRISHNA 2020/10/05			
		APPR: MRAMAKRISHNA 2020/10/05		PRODUCT CUSTOMER DRAWING	
4 PLACES	±	±	INITIAL REVISION:	DOCUMENT NUMBER	
3 PLACES	±	±	DRWN: ATSEE 2014/10/10	SD-151118-0001	
2 PLACES	±	0.2	APPR: KHLIM 2015/11/05	DOC TYPE	DOC PART
1 PLACE	±	±		PSD	001
0 PLACES	±	±		REVISION	
ANGULAR TOL ± 3.0°		THIRD ANGLE PROJECTION		A4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	151118	SEE TABLE	GENERAL MARKET
				SHEET NUMBER	
				2 OF 3	

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		ASSEMBLY MGRID, SHROUDED HEADER SMT		PRODUCT CUSTOMER DRAWING	
				DRWN: ABABUPS 2020/08/14					
4 PLACES ±		±		CHK'D: MRAMAKRISHNA 2020/10/05		DOCUMENT NUMBER		DOC TYPE	DOC PART
3 PLACES ±		±		APPR: MRAMAKRISHNA 2020/10/05		SD-151118-0001		PSD	001
2 PLACES ±		0.2 ±		INITIAL REVISION:		SERIES		MATERIAL NUMBER	CUSTOMER
1 PLACE ±		±		DRWN: DRWN BY XXXX/XX/XX		151118		GENERAL MARKET	SHEET NUMBER
0 PLACES ±		±		APPR: APPR BY XXXX/XX/XX					3 OF 3
ANGULAR TOL ± 3.0°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES
						A3-SIZE		151118	