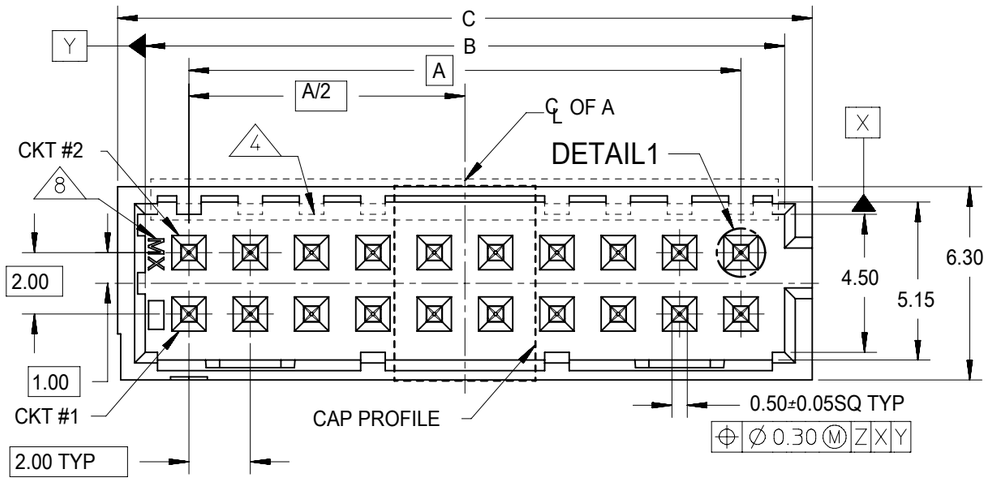
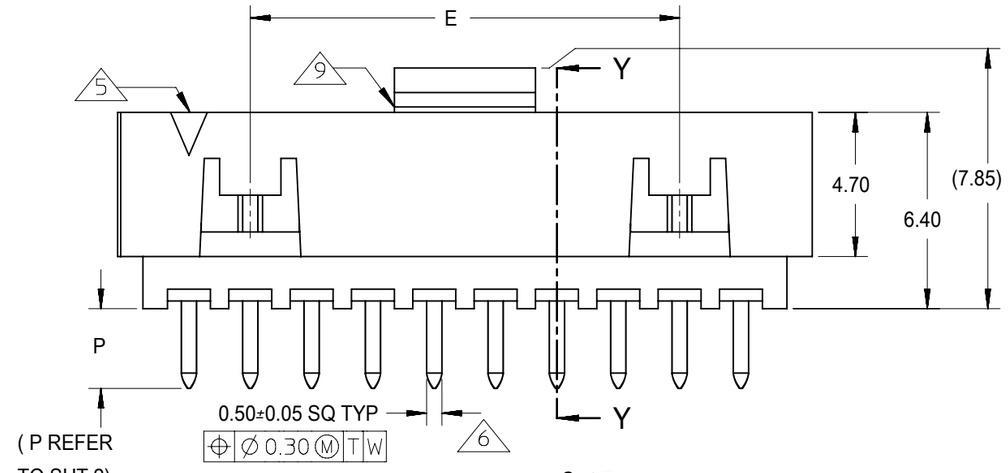
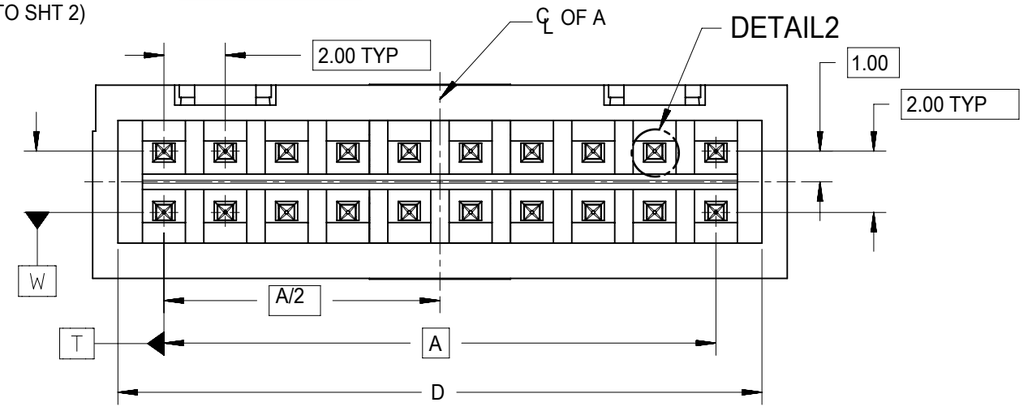
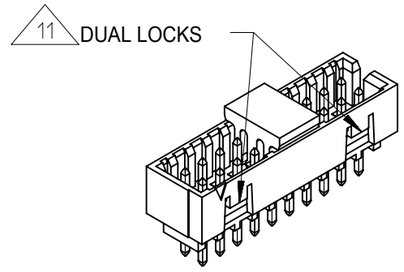
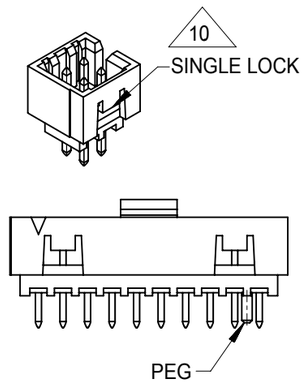


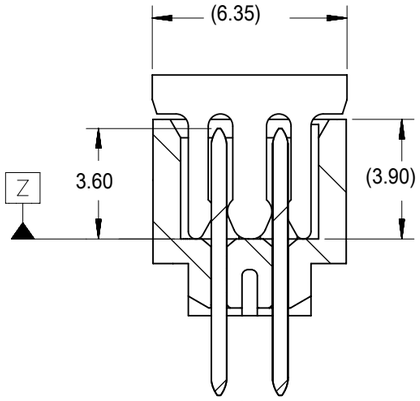




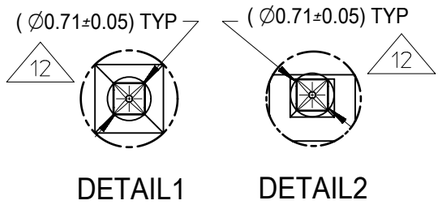
NOTE CONTINUE.







SECTION Y-Y



DETAIL1 DETAIL2

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:

1. FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
2. MATERIAL :
   HOUSING : LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, GLASS FILLED. COLOR: BLACK.
   PIN : 0.50MM SQ. COPPER ALLOY.
3. PRODUCT SPECIFICATION PS-151117-0001 APPLIES.
4. RIB LOCATION VARIES, DEPENDING ON CKT SIZES.
5. CKT 4 AND 6 HAS NO IDENTIFICATION TAG.
6. GAUGING AT SOLDERTAIL.
7. REFER TO PACKAGING SPECIFICATION
   FOR TUBE : PK-151117-0001
   FOR TAPE & REEL : PK-151117-3000
8. CAVITY ID AND MX LOGO SHALL BE LOCATED APPROXIMATELY AS SHOWN.
9. 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.
10. SINGLE LOCK FEATURE FOR CKT 4-12.
11. DUAL LOCKS FEATURE FOR CKT 14 AND ABOVE.
12. DETAIL 1 AND DETAIL 2 FOR MMC REFERENCE ONLY.

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DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH
4 PLACES	± / ±
3 PLACES	± / ±
2 PLACES	± 0.2 / ±
1 PLACE	± / ±
0 PLACES	± / ±
ANGULAR TOL	± 3.0 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 619055
DRWN: HK02 2019/05/13
CHK'D: NMANE02 2019/07/09
APPR: MRAMAKRISHNA 2019/07/09

INITIAL REVISION:
DRWN: ATSEE 2014/10/09
APPR: KHLIM 2015/06/18

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 151117

molex

ASSEMBLY
MGRID, SHROUDED HEADER THROUGH HOLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-151117-0001	PSD	001	A3

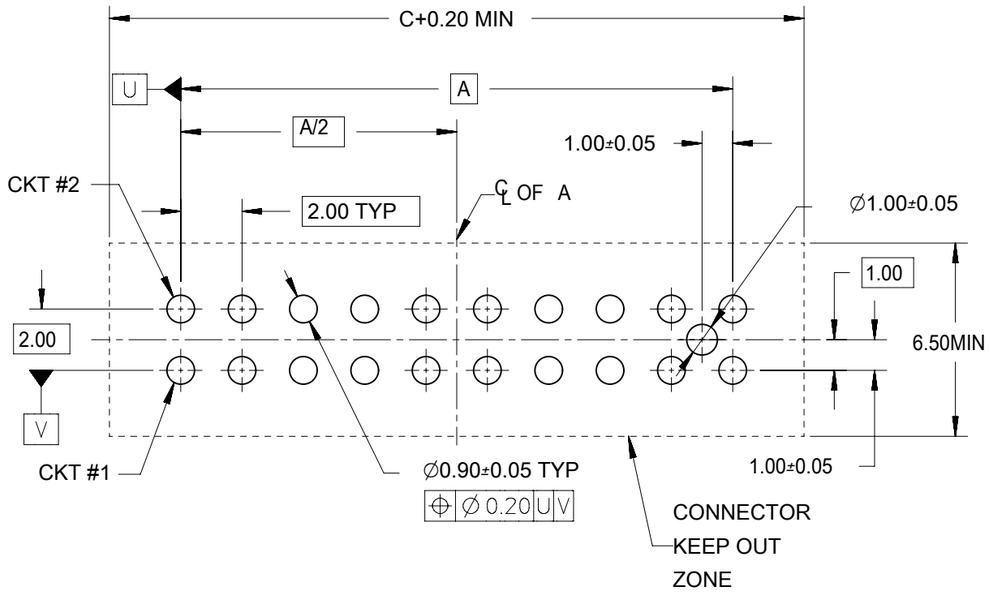
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09 06:46:36

FORMAT: Mel-spec-order-tb-prod-A3
REVISION: D
DATE: 2018/01/16

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



RECOMMENDED PCB PATTERN

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

	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		

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 151117

molex

ASSEMBLY
MGRID, SHROUDED HEADER THROUGH HOLE

PRODUCT CUSTOMER DRAWING

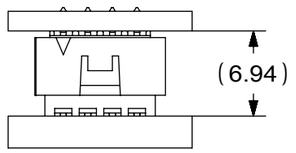
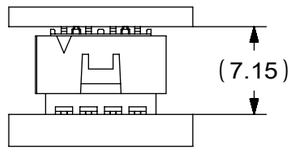
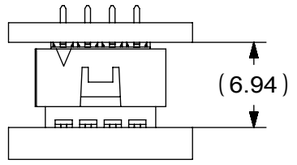
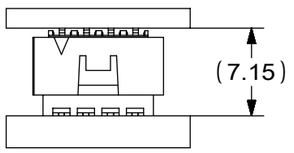
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-151117-0001	PSD	001	A3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 1	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09 06:46:36

FORMAT: Molex-letter-tb-prod-A3
REVISION: D
DATE: 2018/01/15

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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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 619055
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CHK'D: NMANE02 2019/07/09
APPR: MRAMAKRISHNA 2019/07/09

INITIAL REVISION:
DRWN: DRWN BY XXXX/XX/XX
APPR: APPR BY XXXX/XX/XX

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 151117

molex

ASSEMBLY
MGRID, SHROUDED HEADER THROUGH HOLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-151117-0001	PSD	001	A3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09 06:46:36

FORMAT: Mel-template-ib-prod-A3
REVISION: D
DATE: 2018/01/16

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Global Electronic Components Distributor

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0436802002 151660057 151670255 152670357 190990009 0436400901 190670071 190690096
444280402 447691602 398800403 439151216 190730231 0190690033 152660117 152670269
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