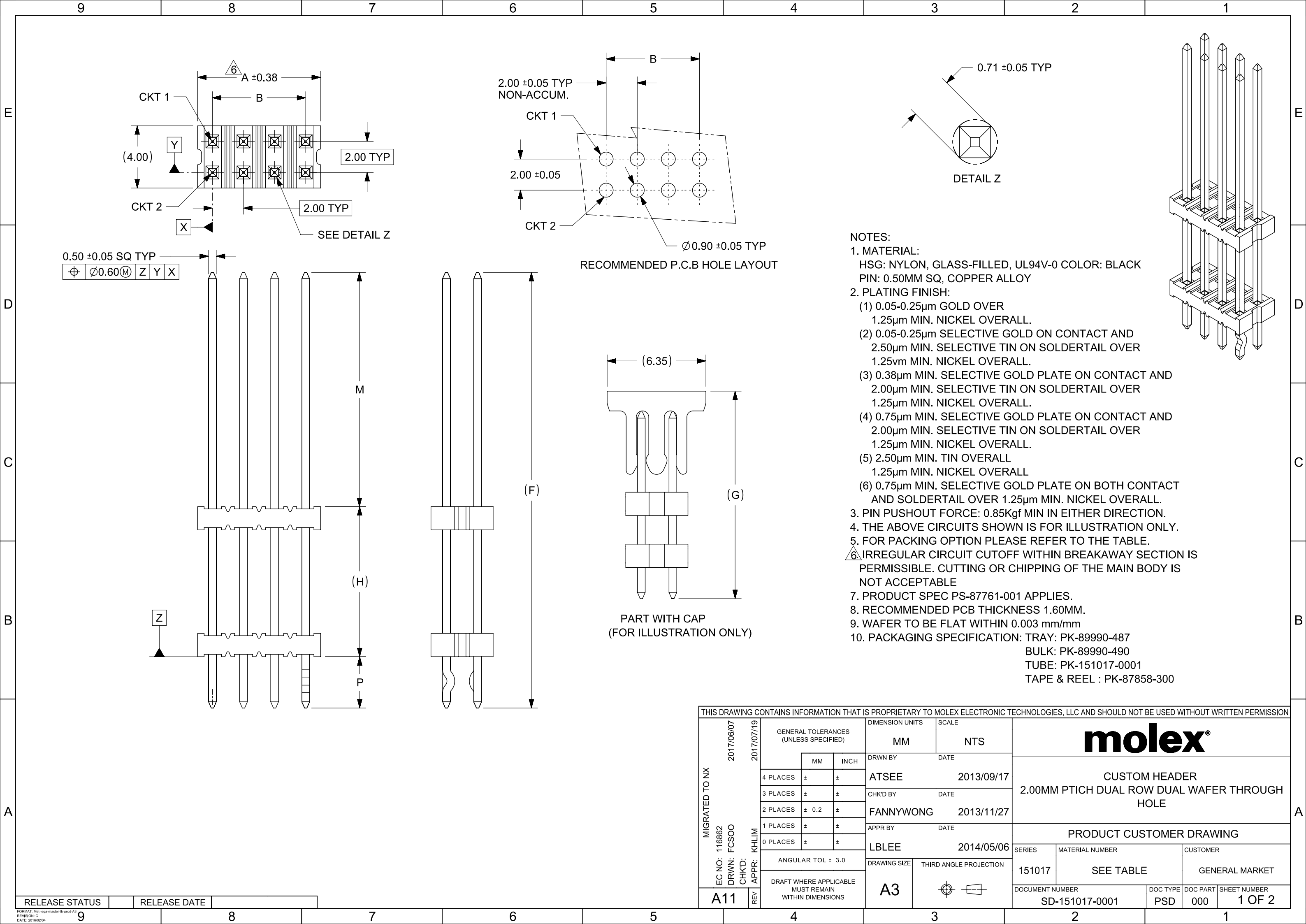
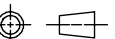




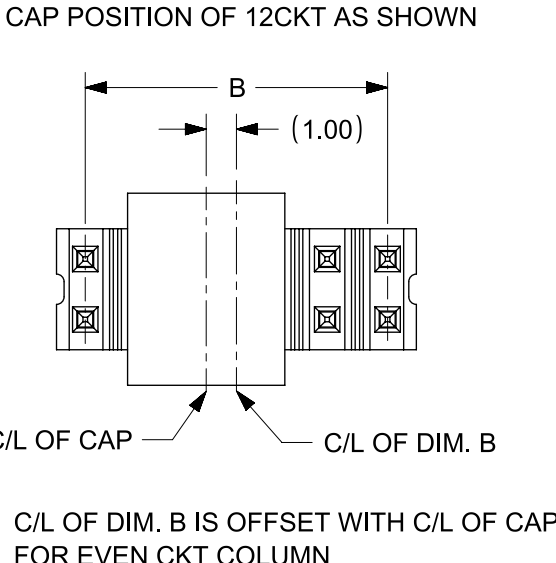
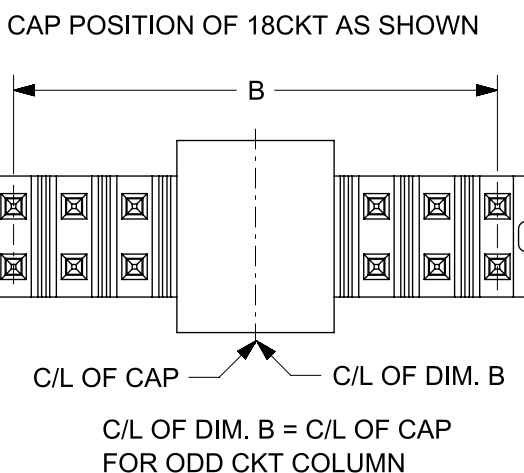
RELEASE STATUS		RELEASE DATE	
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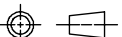
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REVISION: C
DATE: 2016/02/04

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
MIGRATED TO NX EC NO: 116862 DRWN: FCSSO CHK'D: APPR: KHLIM		2017/06/07	2017/07/19	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®			
							MM		NTS					
					MM	INCH	DRWN BY		DATE		CUSTOM HEADER 2.00MM PTICH DUAL ROW DUAL WAFER THROUGH HOLE			
				4 PLACES	±	±	ATSEE		2013/09/17					
				3 PLACES	±	±	CHK'D BY		DATE					
				2 PLACES	± 0.2	±	FANNYWONG		2013/11/27					
				1 PLACES	±	±	APPR BY		DATE					
				0 PLACES	±	±	LBLEE		2014/05/06		PRODUCT CUSTOMER DRAWING			
				ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				SERIES		MATERIAL NUMBER	
A11		REV						151017		SEE TABLE		GENERAL MARKET		
								DOCUMENT NUMBER		DOC TYPE		DOC PART		
								SD-151017-0001		PSD		000		
												SHEET NUMBER		
												1 OF 2		

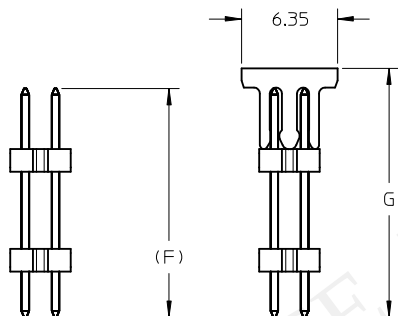
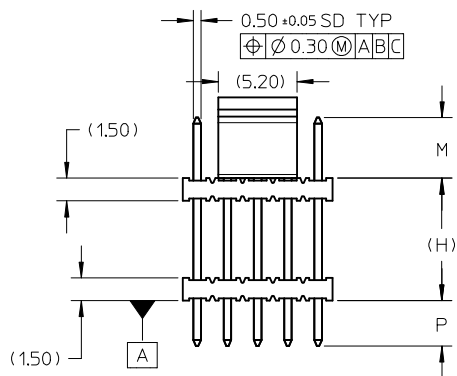
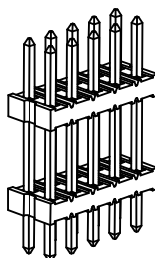
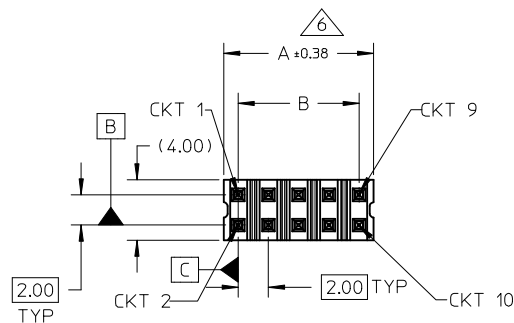
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CAP POSITION ILLUSTRATION FOR REFERENCE

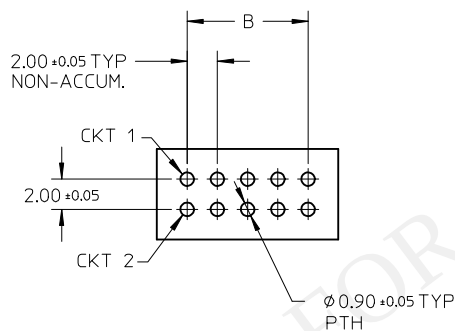


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
MIGRATED TO NX EC NO: 116862 DRWN: FCSSO CHK'D: APPR: KHLIM		2017/06/07		2017/07/19		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS MM		SCALE NTS		molex®		
			MM	INCH	DRWN BY ATSEE		DATE 2013/09/17							
		4 PLACES		±	±	CHK'D BY		DATE						
		3 PLACES		±	±	FANNYWONG		2013/11/27						
		2 PLACES		± 0.2	±	APPR BY		DATE						
		1 PLACES		±	±	LBLEE		2014/05/06						
		0 PLACES		±	±	DRAWING SIZE A3		THIRD ANGLE PROJECTION 						
				ANGULAR TOL ± 3.0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PRODUCT CUSTOMER DRAWING						
A11		REV			SERIES 151017		MATERIAL NUMBER SEE TABLE			CUSTOMER GENERAL MARKET				
					DOCUMENT NUMBER SD-151017-0001			DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 2				

RELEASE STATUS		RELEASE DATE	
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PART WITH CAP
(FOR ILLUSTRATION ONLY)



RECOMMENDED P.C.B HOLE LAYOUT

NOTES:

1. MATERIAL:

HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY

2. PLATING FINISH:

- (1) 0.05-0.25µm GOLD OVER
1.25µm MIN. NICKEL OVERALL.
- (2) 0.05-0.25µm SELECTIVE GOLD ON CONTACT AND
2.50µm MIN. SELECTIVE TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (3) 0.38µm MIN. SELECTIVE GOLD PLATE ON CONTACT AND
2.00µm MIN. SELECTIVE TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (4) 0.75µm MIN. SELECTIVE GOLD PLATE ON CONTACT AND
2.00µm MIN. SELECTIVE TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (5) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
- (6) 0.75µm MIN. SELECTIVE GOLD PLATE ON BOTH CONTACT
AND SOLDER TAIL OVER 1.25µm MIN. NICKEL OVERALL.

3. PIN PUSHOUT FORCE: 0.85Kg MIN IN EITHER DIRECTION.

4. THE ABOVE CIRCUITS SHOWN IS FOR ILLUSTRATION ONLY.

5. FOR PACKING OPTION PLEASE REFER TO THE TABLE.

△ IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS
PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS
NOT ACCEPTABLE

7. PRODUCT SPEC PS-87761-001 APPLIES.

8. RECOMMENDED PCB THICKNESS 1.60MM.

9. WAFER TO BE FLAT WITHIN 0.003 mm/mm

10. PACKAGING SPECIFICATION: TRAY: PK-89990-487

BULK: PK-89990-490

TAPE & REEL: PK-87858-300

TUBE: TBD

SEE SHEET 2 EC NO: DRWN:RAMAKRISHNA 2016/10/05 CHKD: APPR:	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY DATE		TITLE CUSTOM HEADER 2.00MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE molex				
					CGOH 2014/10/03						
					CHECKED BY DATE						
					APPROVED BY DATE		DOCUMENT NO. SD-151017-0003				
					MATERIAL NO. SEE TABLE						
					ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

	10		9		8		7		6		5		4		3		2		1
	CKT SIZE	DIMENSION		PART NUMBERS	CKT SIZE	VOID POSITION	KINK POSITION	CAP OPTION	DIMENSION					(F)	(G)	PLATING OPTION	PACKAGING TYPE		
		A	B						MODIFIED MATING END	MATING END	STACKER HEIGHT	SOLDER TAIL							
F	04	4.00	2.00	151017-0400	04	-	-	-	-	5.50	17.00	3.50	26.00	-	1	TRAY			
	06	6.00	4.00	151017-0600	06	-	-	-	-	5.50	17.00	3.50	26.00	-	1	TRAY			
	08	8.00	6.00	151017-1202	12	-	-	-	-	3.50	11.60	3.50	18.60	-	5	TRAY			
	10	10.00	8.00	151017-1600	16	-	-	-	-	3.30	7.50	2.60	13.40	-	1	TRAY			
	12	12.00	10.00	151017-1800	18	-	-	YES	-	5.75	15.10	3.00	23.85	25.12	4	TAPE & REEL			
E	14	14.00	12.00	151017-1801	18	-	-	YES	-	4.95	15.12	3.05	23.12	24.39	4	TAPE & REEL			
	16	16.00	14.00	151017-2000	20	-	-	YES	-	4.00	18.40	2.90	25.30	26.65	4	TUBE			
	18	18.00	16.00	151017-2400	24	-	-	-	-	7.00	6.00	7.00	20.00	-	1	TRAY			
	20	20.00	18.00	151017-4400	44	7, 8, 15, 16, 23 & 24	-	-	-	3.60	21.00	3.60	28.20	-	3	TRAY			
	22	22.00	20.00																
D	24	24.00	22.00																
	26	26.00	24.00																
	28	28.00	26.00																
	30	30.00	28.00																
	32	32.00	30.00																
C	34	34.00	32.00																
	36	36.00	34.00																
	38	38.00	36.00																
	40	40.00	38.00																
	42	42.00	40.00																
B	44	44.00	42.00																
	46	46.00	44.00																
	48	48.00	46.00																
	50	50.00	48.00																
A																			

M1

MODIFIED MATING LENGTH
(FOR ILLUSTRATION ONLY)

CAP POSITION OF 18CKT AS SHOWN

C/L OF CAP

C/L OF DIM. B

C/L OF DIM. B = C/L OF CAP
FOR ODD CKT COLUMN

CAP POSITION OF 12CKT AS SHOWN

C/L OF CAP

C/L OF DIM. B

C/L OF DIM. B IS OFFSET WITH C/L OF CAP
FOR EVEN CKT COLUMN

P/N 151017-2000 ADDED
EC NO: DRWIN:MRAYAKRI SHINA 2016/10/05
CHKD: APPR:
18

REV

QUALITY
SYMBOLS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.20 ± ---
1 PLACE ± --- ± ---
0 PLACE ± --- ± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
CGOH 2014/10/03

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO.

SEE TABLE

SIZE
A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

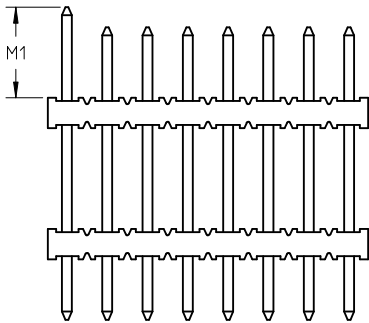
CUSTOM HEADER
2.00MM PITCH DUAL ROW
DUAL WAFER THROUGH HOLE

molex

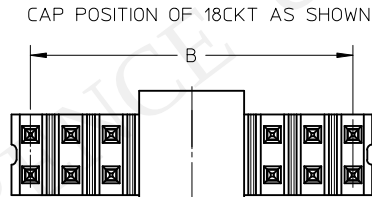
DOCUMENT NO.
SD-151017-0003

SHEET NO.
2 OF 2

tb_frame_A3_P_AM_T
Rev. G 2012/01/11

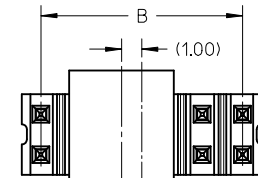


MODIFIED MATING LENGTH
(FOR ILLUSTRATION ONLY)



C/L OF CAP = C/L OF DIM. B
FOR ODD CKT COLUMN

CAP POSITION OF 12CKT AS SHOWN



C/L OF DIM. B IS OFFSET WITH C/L OF CAP
FOR EVEN CKT COLUMN

CAP POSITION ILLUSTRATION FOR REFERENCE

P/N 151017-2000 ADDED EC NO: DRWN:VRAMAKRISHNA 2016/10/05 CHKD: APPR:	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY CGOH	DATE 2014/10/03	TITLE CUSTOM HEADER 2.00MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	APPROVED BY						
			2 PLACES	± 0.20	± ---	DOCUMENT NO. SD-151017-0003					SHEET NO. 2 OF 2	
			1 PLACE	± ---	± ---							
			0 PLACE	± ---	± ---							
			ANGULAR ± 3 °			MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE						
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					