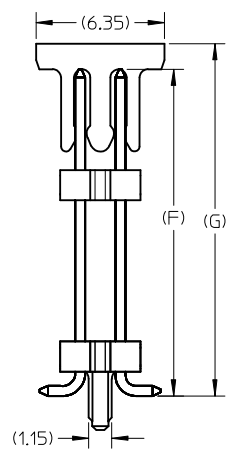
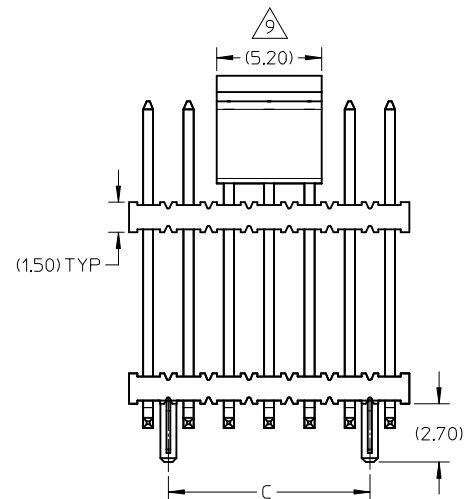
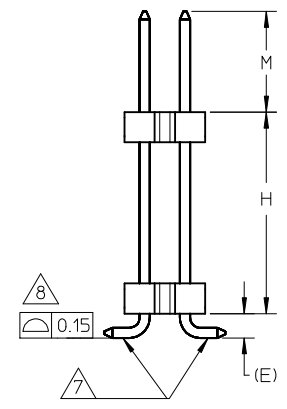


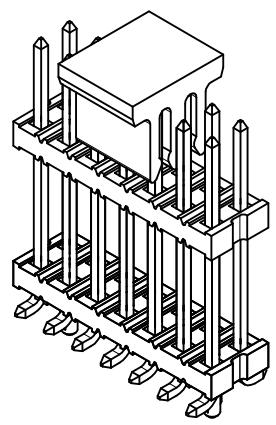
RECOMMENDED PCB LAYOUT



PART WITH PEGS & CAP VERSION



PART WITHOUT PEGS & CAP VERSION



- NOTES
- MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.50MM SQ, COPPER ALLOY
 - PLATING TYPE:
 - 0.05-0.25µm GOLD OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.05-0.25µm GOLD ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-87761-100
 - PACKAGING TYPE: PLS SEE TABLE
 - PACKAGING SPEC: PLS SEE SHEET 2 AND SHEET 3
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm
 - BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
 - CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 - RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
 - THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
 - TUBE LENGTH AS PER STANDARD 560mm

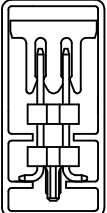
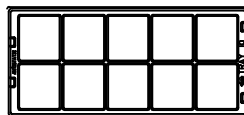
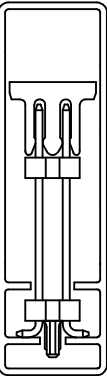
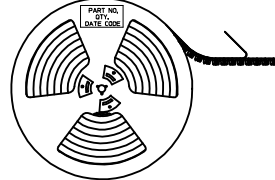
SEE SHT 3 EC NO: S2016-1018 DRWING: MRAMAKRI SHINA 2016/05/10 CHKD: MRAMAKRI SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$ $F_C=0$ $F_P=0$	mm	INCH	MM ONLY	NTS	METRIC	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
		2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	CHECKED BY	DATE		
	0 PLACE ± --- ± ---		APPROVED BY	DATE			
		ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE			
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			


CUSTOM HEADER
2.00MM PITCH DUAL ROW
HEADER, DUAL WAFER SMT



SD-151033-0002
1 OF 3

PACKAGING SPECIFICATION OVERVIEW

ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)	ITEM	PACKAGING TYPE	PACKAGING SPECIFICATION	PART OVERALL HEIGHT	PART PACKED IN PACKAGING ORIENTATION (FOR REF. USE ONLY)
1	TUBE	PK-89990-475	DIMENSION F/G= <13.3MM	 HEADER WITH CAP IN TUBE	3	TRAY	PK-89990-487	DIMENSION F/G= MAX. 40.0MM	
2	TUBE	PK-89990-474	DIMENSION F/G= 13.4MM ~ 23.4MM	 HEADER WITH CAP IN TUBE	4	TAPE & REEL	PK-87858-300 (REEL Ø: 330.0 MAX.)	DIMENSION F/G= MAX. 26.0MM	

SEE SHT 3 EC NO: S2016-1018 DRWING: RAMAKRI SHINA 2016/05/10 CHKD: RAMAKRI SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY DRAWN BY: ATSEE DATE: 2014/08/25 CHECKED BY: FANNYWONG DATE: 2014/08/25 APPROVED BY: KHL IM DATE: 2014/11/18	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE CUSTOM HEADER 2.00MM PITCH DUAL ROW HEADER, DUAL WAFER SMT 
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 3 °	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-151033-0002	SHEET NO. 2 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
A4	REV	A3																							

CKT SIZE	DIMENSION			PART NO. IN PACKAGING OPTION				CKT SIZE	PEG	PLATE OPT.	DIMENSION					PACKAGING SPECIFICATION (PLS REFER TO SHEET 2)	
	A	B	C	TAPE & REEL WITH CAP	TUBE WITH CAP	TUBE WITHOUT CAP	W/O CAP IN TRAY				G	(F)	M	H	E		J
04	4.00	2.00	-	-	-	-	151033-0400	04	N	5	-	8.35	3.00	4.15	1.20	1.75	3
06	6.00	4.00	-	-	-	-	151033-1001	10	N	5	11.35	9.80	3.80	4.80	1.20	1.75	3
08	8.00	6.00	4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10.00	8.00	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	12.00	10.00	8.00	151033-1003	-	-	-	10	N	3	15.70	13.35	3.00	9.15	1.20	1.75	4
14	14.00	12.00	10.00	151033-1201	-	-	-	12	Y	3	18.40	17.00	5.00	10.80	1.20	2.00	4
16	16.00	14.00	12.00	151033-1600	-	-	-	16	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
18	18.00	16.00	14.00	151033-2000	-	-	-	20	N	3	11.00	9.25	3.60	4.45	1.20	1.75	4
20	20.00	18.00	16.00	151033-4400	-	-	-	44	Y	3	20.70	18.95	3.60	14.15	1.20	1.75	4
22	22.00	20.00	18.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	24.00	22.00	20.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	26.00	24.00	22.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	28.00	26.00	24.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	30.00	28.00	26.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	32.00	30.00	28.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	34.00	32.00	30.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	36.00	34.00	32.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	38.00	36.00	34.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	40.00	38.00	36.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	42.00	40.00	38.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	44.00	42.00	40.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	46.00	44.00	42.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	48.00	46.00	44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	50.00	48.00	46.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ADD 151033-1003 & 2000 EC NO: S2016-1018 DRWNG: MRAMAKRI SHINA 2016/05/10 CHKD: MRAMAKRI SHINA 2016/05/10 APPR: ISHWARG 2016/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
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