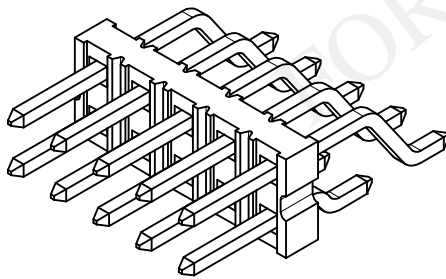


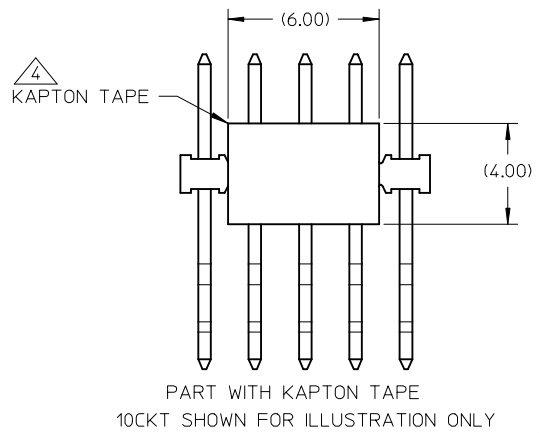
NOTES

- MATERIAL:  
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK  
PIN: 0.50MM SQ, COPPER ALLOY
- PLATING TYPE:
  - GOLD FLASH OVER  
1.270µm MIN. NICKEL OVERALL.
  - GOLD FLASH ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.
  - 0.254µm MIN. GOLD PLATE ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.
  - 0.381µm MIN. GOLD PLATE ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.
  - 0.762µm MIN. GOLD PLATE ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.
  - 2.540µm MIN. TIN OVERALL  
1.270µm MIN. NICKEL OVERALL
- PRODUCT SPECIFICATION: PS-87761-100
- KAPTON TAPE LOCATION IS CENTERED ALONG THE PART AS SHOWN  
TOP SURFACE OF TAPE TO BE FLAT FOR THE PURPOSE OF  
PICK & PLACE BY VACUUM SUCTION NOZZLE.
- WAFER TO BE FLAT WITHIN 0.003 mm/mm
- COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER  
TAIL ON A GAUGE SURFACE
- 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 10 IS FOR ILLUSTRATION PURPOSE ONLY
- PACKAGING SPECIFICATION:  
TRAY: PK-89990-487  
T&R : PK-89990-484 / PK-87858-300



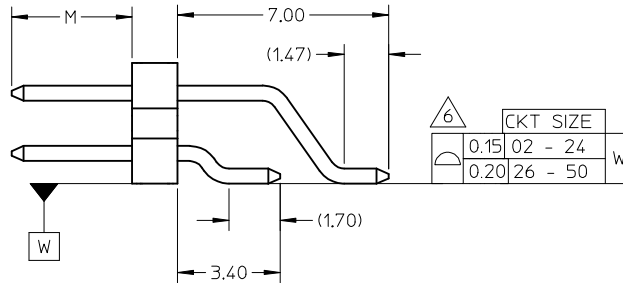
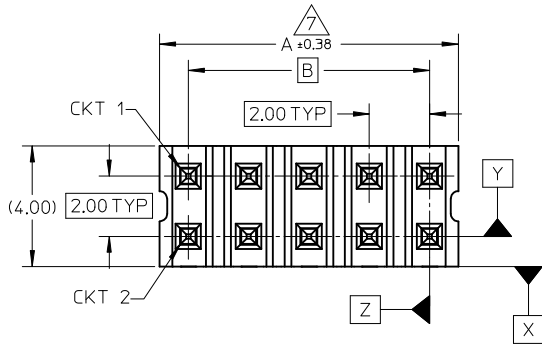
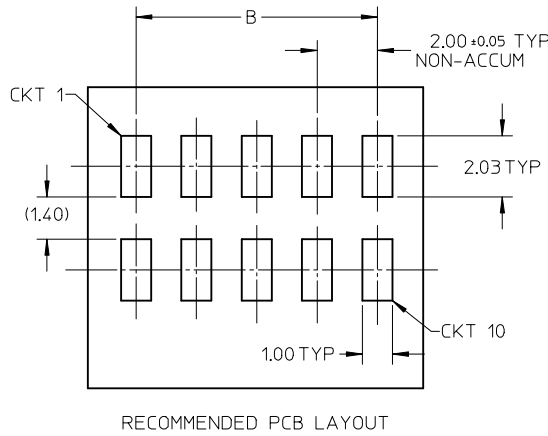
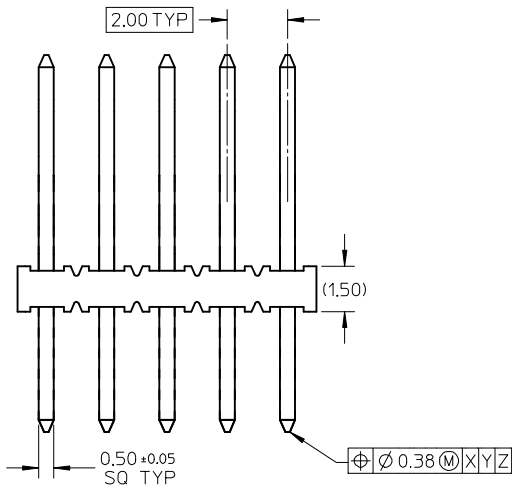
SEE SHEET 2 EIC NO: S2016-0085 DRWN: MRAMAKRI SHNA 2015/07/20 CHKD: APPR: MRAMAKRI SHNA 2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$F_{\text{A}} = 0$ $F_{\text{B}} = 0$ $F_{\text{C}} = 0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <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> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS	METRIC	
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.20	± ---																			
1 PLACE	± ---	± ---																			
ANGULAR ± 3°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: MRAMAKRI SHNA 2015/06/03 CHECKED BY: ATSEE 2015/06/03 APPROVED BY: MRAMAKRI SHNA 2015/06/19 MATERIAL NO.	TITLE	CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT																	
		SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	MOLEX MOLEX INCORPORATED	DOCUMENT NO.	SHEET NO. 1 OF 2																

10	9	8	7	6	5	4	3	2	1
PART NO.	CKT SIZE	PEG	PLATE OPT.	VOID POSITION	DIMENSION			WITH KAPTON TAPE	PACKAGING OPTION
					A	B	MATING END M		
151152-0800	8	N	1	----	8.00	6.00	7.50	YES	T&R

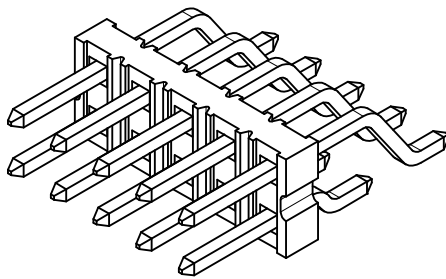


FOR REFERENCE USE ONLY

REMOVED 151152-0400 EC NO: S2016-0085 DRWN: MRAMAKRISHNA 2015/07/20 CHKD: APPR: MRAMAKRISHNA 2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$F_A=0$	mm      INCH		MM ONLY	NTS	METRIC		
	$F_C=0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	
	$F_G=0$	3 PLACES	± ---	± ---	MRAMAKRISHNA	2015/06/03	CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT	
	$F_P=0$	2 PLACES	± 0.20	± ---	CHECKED BY	DATE		
	1 PLACE	± ---	± ---	ATSEE	2015/06/03	MOLEX INCORPORATED		
	ANGULAR ± 3 °			APPROVED BY	DATE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
				SEE TABLE	SD-151152-0002		2 OF 2	
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



- NOTES
- MATERIAL:  
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK  
PIN: 0.50MM SQ. COPPER ALLOY
  - PLATING TYPE:  
(1) GOLD FLASH OVER  
1.270µm MIN. NICKEL OVERALL.  
(2) GOLD FLASH ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.  
(3) 0.254µm MIN. GOLD PLATE ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.  
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1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.  
(5) 0.762µm MIN. GOLD PLATE ON CONTACT AND  
1.905µm MIN. TIN ON SOLDER TAIL OVER  
1.270µm MIN. NICKEL OVERALL.  
(6) 2.540µm MIN. TIN OVERALL  
1.270µm MIN. NICKEL OVERALL
  - PRODUCT SPECIFICATION: PS-87761-100
  - PACKAGING TYPE: SEE TABLE
  - WAFER TO BE FLAT WITHIN 0.003 mm/mm
  - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
  - 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 10 IS FOR ILLUSTRATION PURPOSE ONLY
  - PACKAGING SPECIFICATION:  
TRAY: PK-89990-487  
T&R : PK-89990-484 / PK-87858-300  
TUBE: RPK-87979-1007 FOR ASSEMBLY 87979-1007.



SEE SHEET 2 EC NO: S2016-0574 DRWN: HRAMAKRI SHINA 2015/12/28 CHKD: HRAMAKRI SHINA 2015/12/28 APPR: J SHARG 2016/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽ <sub>F</sub> = 0	mm	INCH	DRAWN BY KCHO	DATE 2005/01/31	TITLE CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT		
	▽ <sub>F</sub> = 0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY PTLIM	DATE 2005/02/17	MOLEX INCORPORATED		
	▽ <sub>F</sub> = 0	2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	APPROVED BY SCLW	DATE 2005/02/17	DOCUMENT NO. SD-87979-002	SHEET NO. 1 OF 2	
	ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

PART NO.	CKT SIZE	PEG	PLATE OPT.	VOID POSITION	DIMENSION			WITH KAPTON TAPE	PACKAGING OPTION
					A	B	MATING END M		
					87979-0406	4	N		
87979-0806	8	N	6	----	8.00	6.00	4.00	YES	T&R
87979-1006	10	N	6	----	10.00	8.00	4.00	NO	TRAY
87979-1007	10	N	6	----	10.00	8.00	4.00	NO	TUBE
87979-1206	12	N	2	----	12.00	10.00	4.00	YES	T&R
87979-1606	16	N	6	----	16.00	14.00	4.00	NO	TRAY
87979-1607	16	N	6	----	16.00	14.00	4.00	YES	T&R
87979-2000	20	N	6	----	20.00	18.00	4.00	YES	T&R
87979-2406	24	N	2	----	24.00	22.00	4.00	YES	T&R
87979-4206	42	N	6	----	42.00	40.00	4.00	YES	T&R
87979-5006	50	N	6	----	50.00	48.00	4.00	NO	TRAY

KAPTON TAPE REMOVED FOR P/N: 87979-1007 EC NO: S2016-0574 DRW: MRAMAKRI SHINA 2015/12/28 CHKD: MRAMAKRI SHINA 2015/12/28 APPR: ISHWARG 2016/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																	
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <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> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS	METRIC			
		mm	INCH																				
	4 PLACES	± ---	± ---																				
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1 PLACE	± ---	± ---																					
DESCRIPTION	<table border="1"> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> <tr> <td>KCHO</td> <td>2005/01/31</td> <td rowspan="3">CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>PTL IM</td> <td>2005/02/17</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> <td rowspan="2">MOLEX INCORPORATED</td> </tr> <tr> <td>SCLOW</td> <td>2005/02/17</td> </tr> </table>	DRAWN BY	DATE	TITLE	KCHO	2005/01/31	CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT	CHECKED BY	DATE	PTL IM	2005/02/17	APPROVED BY	DATE	MOLEX INCORPORATED	SCLOW	2005/02/17	<table border="1"> <tr> <th>MATERIAL NO.</th> <th>DOCUMENT NO.</th> <th>SHEET NO.</th> </tr> <tr> <td>SEE TABLE</td> <td>SD-87979-002</td> <td>2 OF 2</td> </tr> </table>	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	SEE TABLE	SD-87979-002	2 OF 2
DRAWN BY	DATE	TITLE																					
KCHO	2005/01/31	CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT																					
CHECKED BY	DATE																						
PTL IM	2005/02/17																						
APPROVED BY	DATE	MOLEX INCORPORATED																					
SCLOW	2005/02/17																						
MATERIAL NO.	DOCUMENT NO.	SHEET NO.																					
SEE TABLE	SD-87979-002	2 OF 2																					
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					