

## Excellent Integrated System Limited

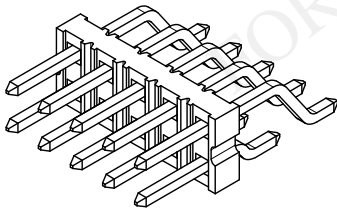
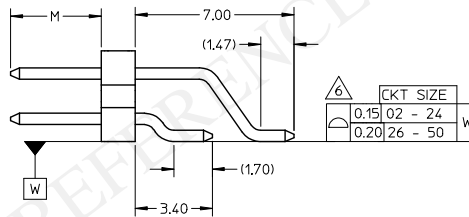
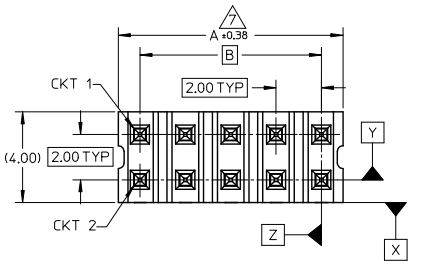
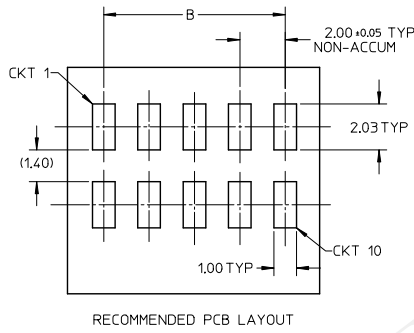
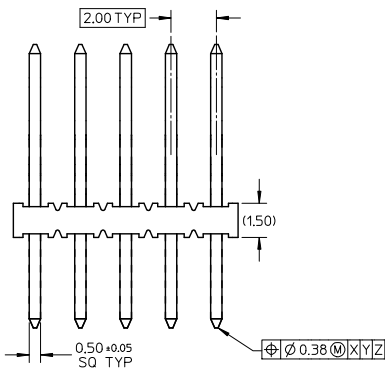
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0879795006](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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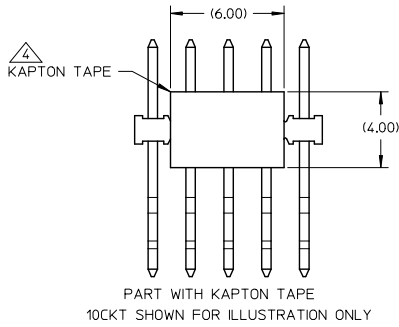
**NOTES**

1. MATERIAL:  
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK  
PIN: 0.50MM SQ. COPPER ALLOY
2. 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.
  - (4) 0.381µm MIN. GOLD PLATE ON CONTACT AND  
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
3. PRODUCT SPECIFICATION: PS-87761-100
4. 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.
5. WAFER TO BE FLAT WITHIN 0.003 mm/mm
6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER  
TAIL ON A GAUGE SURFACE
7. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS  
PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS  
NOT ACCEPTABLE
8. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
9. THE ABOVE CKT 10 IS FOR ILLUSTRATION PURPOSE ONLY
10. PACKAGING SPECIFICATION:  
TRAY: PK-89990-487  
T&R : PK-89990-484 / PK-87858-300

SEE SHEET 2 IEC NO: S2016-0085 UJDR/MRAMAKR/SHNA/2015/07/20 CHKD: MRAMAKR/SHNA/2015/07/20 APPR: MRAMAKR/SHNA/2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\sqrt{\text{---}}=0$ $\sqrt{\text{---}}=0$ $\sqrt{\text{---}}=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3°	DRAWN BY DATE MRAMAKR/SHNA 2015/06/03 CHECKED BY DATE ATSEE 2015/06/03 APPROVED BY DATE MRAMAKR/SHNA 2015/06/19	MM ONLY	NTS	METRIC	TITLE CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED		
		SIZE			SD-151152-0002	SHEET NO. 1 OF 2	

9 8 7 6 5 4 3 2 1

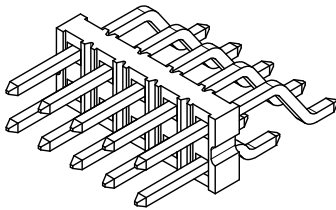
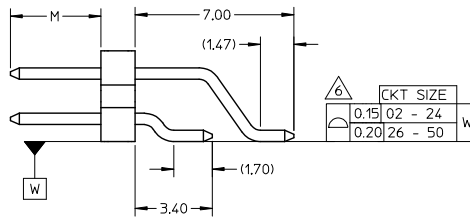
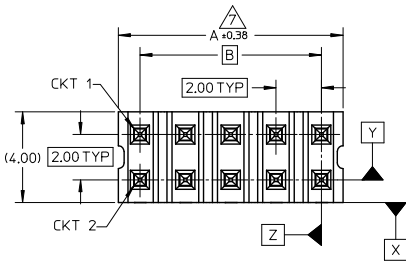
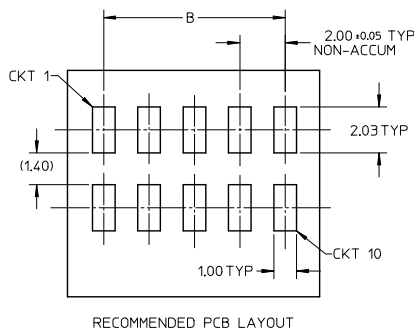
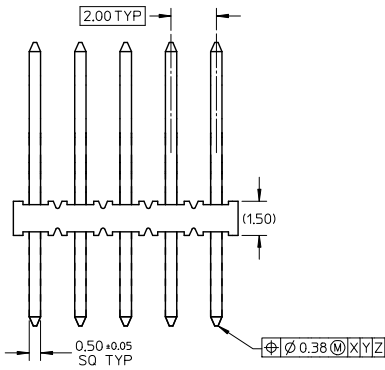
10	9	8	7	6	5	4	3	2	1
PART NO.	CKT SIZE	PEG	PLATE OPT.	VOID POSITION	DIMENSION			WITH KAPTON TAPE	PACKAGING OPTION
					A	B	MATING END M		
151152-0800	8	N	1	----	8.00	6.00	7.50	YES	T&R



FOR REFERENCE USE ONLY

REMOVED 151152-0400 EC NO: S2016-0085 JDR/MRAMAKRISHNA/2015/07/20 CHKD: MRAMAKRISHNA/2015/07/20 APPR: MRAMAKRISHNA/2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$\nabla=0$ $\nabla=0$ $\nabla=0$	<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> <tr> <td colspan="3">ANGULAR ± 3°</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.20	±---	1 PLACE	±---	±---	ANGULAR ± 3°			MM ONLY	NTS	METRIC	
		mm	INCH																					
	4 PLACES	±---	±---																					
3 PLACES	±---	±---																						
2 PLACES	±0.20	±---																						
1 PLACE	±---	±---																						
ANGULAR ± 3°																								
DRAWN BY: MRAMAKRISHNA 2015/06/03 CHECKED BY: ATSEE 2015/06/03 APPROVED BY: MRAMAKRISHNA 2015/06/19	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	TITLE: CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT MOLEX INCORPORATED	DOCUMENT NO. SD-151152-0002	SHEET NO. 2 OF 2																			
REV 3	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

10 9 8 7 6 5 4 3 2 1



**NOTES**

- MATERIAL:**  
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK  
PIN: 0.50MM SQ. COPPER ALLOY
- PLATING TYPE:**
  - GOLD FLASH OVER  
1.270 $\mu$ m MIN. NICKEL OVERALL.
  - GOLD FLASH ON CONTACT AND  
1.905 $\mu$ m MIN. TIN ON SOLDER TAIL OVER  
1.270 $\mu$ m MIN. NICKEL OVERALL.
  - 0.254 $\mu$ m MIN. GOLD PLATE ON CONTACT AND  
1.905 $\mu$ m MIN. TIN ON SOLDER TAIL OVER  
1.270 $\mu$ m MIN. NICKEL OVERALL.
  - 0.381 $\mu$ m MIN. GOLD PLATE ON CONTACT AND  
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1.270 $\mu$ m MIN. NICKEL OVERALL.
  - 0.762 $\mu$ m MIN. GOLD PLATE ON CONTACT AND  
1.905 $\mu$ m MIN. TIN ON SOLDER TAIL OVER  
1.270 $\mu$ m MIN. NICKEL OVERALL.
  - 2.540 $\mu$ m MIN. TIN OVERALL  
1.270 $\mu$ m 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 DRW: HRMAKRI SHINA 2015/12/28 CHKD: HRMAKRI SHINA 2015/12/28 APPR: ISHWARI 2016/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	√=0	4 PLACES ± --- ± ---	mm INCH	DRAWN BY KCHO	DATE 2005/01/31	TITLE CUSTOM HEADER
	∇=0	3 PLACES ± --- ± ---		CHECKED BY PTLIM	DATE 2005/02/17	MGRID DUAL ROW HEADER
	∇=0	2 PLACES ± 0.20 ± ---		APPROVED BY SLOW	DATE 2005/02/17	S/WFR, HORIZONTAL SMT
		1 PLACE ± --- ± ---				MOLEX INCORPORATED
		ANGULAR ± 3°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87979-002	SHEET NO. 1 OF 2
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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PART NO.	CKT SIZE	PEG	PLATE OPT.	VOID POSITION	DIMENSION			WITH KAPTON TAPE	PACKAGING OPTION
					A	B	MATING END		
					A	B	M		
87979-0406	4	N	6	----	4.00	2.00	4.00	NO	TRAY
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 CAP PIN 4298 ECN NO: 2016-0574 DRW: HRAMAKI/SHINA/2015/12/28 CHK: HRAMAKI/SHINA/2015/12/28 APPR: ISHWARG 2016/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3°	MM ONLY	DRAWN BY DATE KCHO 2005/01/31 CHECKED BY DATE PTLIM 2005/02/17 APPROVED BY DATE SCLOW 2005/02/17	NTS	METRIC	CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT MOLEX INCORPORATED
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
	A11	SEE TABLE	SD-87979-002	2 OF 2			