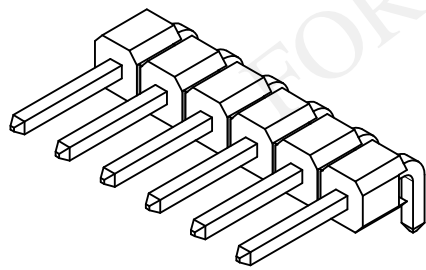
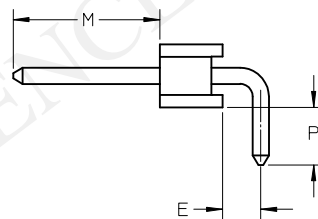
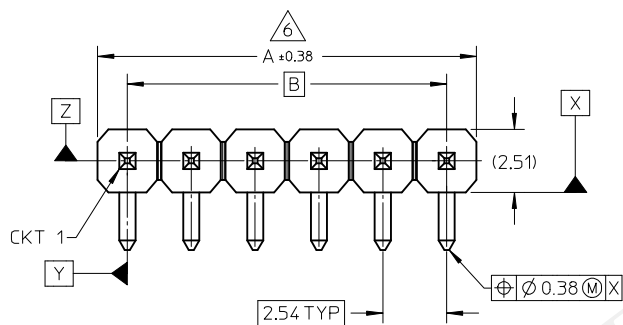


RECOMMENDED PCB LAYOUT

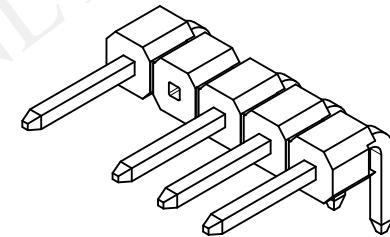
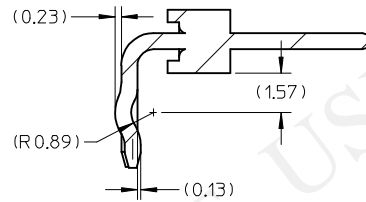
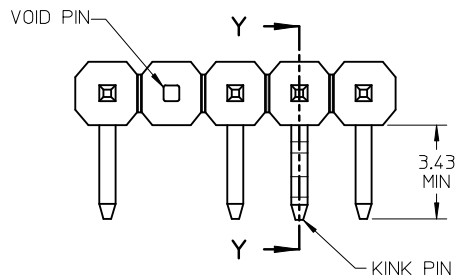
NOTES

1. MATERIAL:
 - HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
 - PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
 - (1) GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
 - (2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (3) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (4) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - (5) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: SEE TABLE
5. WAFER TO BE FLAT WITHIN 0.003 mm/mm
6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
7. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
8. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
9. PACKAGING SPECIFICATION:
 - (1) TUBE: PK-89990-516
 - (2) TUBE: PK-89990-578
 - (3) TRAY: PK-89990-489
 - (4) BULK: PK-89990-491
 - (5) TAPE & REEL: TBD

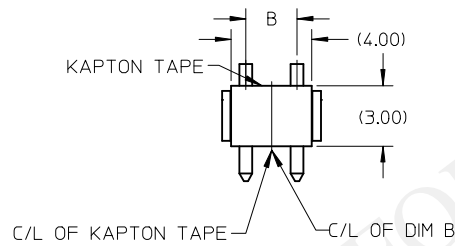


SEE SHEET 3 EC NO: S2018-0016 DRWN: MRAMAKRISHNA 2017/07/06 CHKD: APPR: MRAMAKRISHNA 2017/07/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY MRAMAKRISHNA	DATE 2015/04/08	TITLE CUSTOM HEADER			
			± ---	± ---	CHECKED BY ATSEE	DATE 2015/04/08	2.54MM PITCH S/ROW HDR. S/WAFER, RIGHT ANGLE			
			± 0.20	± ---	APPROVED BY MRAMAKRISHNA	DATE 2015/04/30	MOLEX INCORPORATED			
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87897-013		1 OF 3		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

**PART WITH KINKED PIN AND VOIDED PIN
(FOR REFERENCE USED ONLY)**



KAPTON TAPE POSITION ILLUSTRATION FOR REFERENCE



FOR P/N: 87897-0210

SEE SHEET 3 EC NO: S2018-0016 DRWN: MRAMAKRISHNA 2017/07/06 CHKD: APPR: MRAMAKRISHNA 2017/07/11	DESCRIPTION 13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		$\nabla=0$ $\square=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: MRAMAKRISHNA 2015/04/08 CHECKED BY: ATSEE 2015/04/08 APPROVED BY: MRAMAKRISHNA 2015/04/30	TITLE	CUSTOM HEADER 2.54MM PITCH S/ROW HDR. S/WAFER, RIGHT ANGLE		
				MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87897-013	MOLEX INCORPORATED		
				SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 2 OF 3

CKT SIZE	DIMENSION		PART NO. IN TAPE & REEL PACKAGING	PART NO. W/O CAP IN TUBE	PART NO. W/O CAP IN TRAY	CKT SIZE	KINK POSITION	VOID POSITION	PLATING TYPE	DIMENSION			PK SPEC
	A	B								MATING END	SOLDER TAIL	E	
										M	P		
01	2.54	-	-	-	87897-0128	01	-	-	5	3.32	4.57	2.50	3
02	5.08	2.54	87897-0210	-	-	02	-	-	1	2.00	2.00	1.00	5
03	7.62	5.08	-	87897-0211	-	02	-	-	1	5.80	3.60	1.51	1
04	10.16	7.62	-	-	87897-0227	02	-	-	5	10.00	2.30	1.27	3
05	12.70	10.16	87897-0327	-	-	03	-	-	5	10.92	2.29	1.52	5
06	15.24	12.70	-	87897-0328	-	03	-	CKT# 2	1	5.84	3.60	1.52	1
07	17.78	15.24	-	87897-0427	-	04	-	-	1	8.07	3.00	0.52	1
08	20.32	17.78	-	-	87897-0429	04	-	-	5	3.00	2.50	1.00	3
09	22.86	20.32	-	-	87897-0527	05	-	-	1	3.00	6.00	1.00	3
10	25.40	22.86	-	-	87897-0727	07	-	CKT# 2, 4 & 6	5	3.00	9.20	15.00	3
11	27.94	25.40	-	-	87897-0827	08	-	-	5	10.00	10.00	1.00	3
12	30.48	27.94	-	-	87897-0828	08	-	CKT # 5	5	3.00	3.00	1.00	3
13	33.02	30.48	-	-	87897-2007	20	-	-	5	0.70	3.00	5.00	3
14	35.56	33.02											
15	38.10	35.56											
16	40.64	38.10											
17	43.18	40.64											
18	45.72	43.18											
19	48.26	45.72											
20	50.80	48.26											
21	53.34	50.80											
22	55.88	53.34											
23	58.42	55.88											
24	60.96	58.42											
25	63.50	60.96											
26	66.04	63.50											
27	68.58	66.04											
28	71.12	68.58											
29	73.66	71.12											
30	76.20	73.66											
31	78.74	76.20											
32	81.28	78.74											
33	83.82	81.28											
34	86.36	83.82											
35	88.90	86.36											
36	91.44	88.90											
37	93.98	91.44											
38	96.52	93.98											
39	99.06	96.52											
40	101.60	99.06											

FOR REFERENCE ONLY

ADD P/N: 87897-0527 EC NO: S2018-0016 DRWN: MRAMAKRISHNA 2017/07/06 CHKD: APPR: MRAMAKRISHNA 2017/07/11	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																												
				MM ONLY	NTS	METRIC																													
				<table border="1" style="width: 100%; border-collapse: collapse;"> <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	± ---	± ---	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>MRAMAKRISHNA</td> <td>2015/04/08</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>ATSEE</td> <td>2015/04/08</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>MRAMAKRISHNA</td> <td>2015/04/30</td> </tr> </table>	DRAWN BY	DATE	MRAMAKRISHNA	2015/04/08	CHECKED BY	DATE	ATSEE	2015/04/08	APPROVED BY	DATE	MRAMAKRISHNA	2015/04/30	CUSTOM HEADER 2.54MM PITCH S/ROW HDR. S/WAFER, RIGHT ANGLE		
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