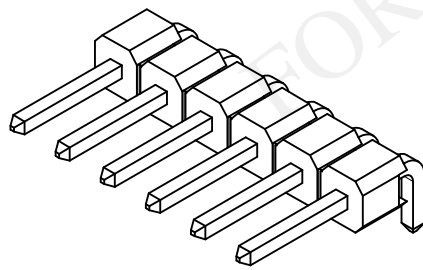
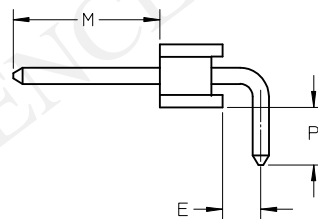
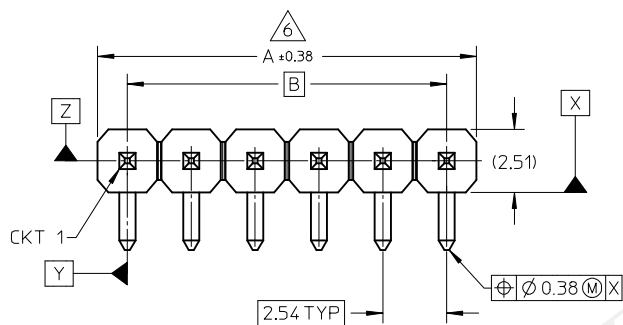


RECOMMENDED PCB LAYOUT

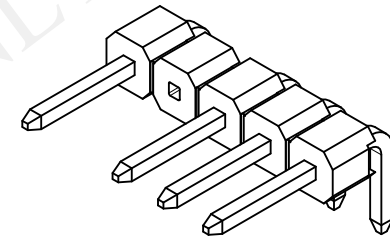
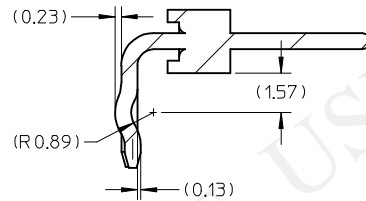
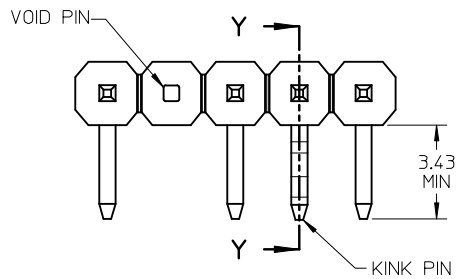
NOTES

- MATERIAL:**
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
- PLATING TYPE:**
 - GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
 - GOLD FLASH 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-87920-019
- PACKAGING TYPE: SEE TABLE
- WAFER TO BE FLAT WITHIN 0.003 mm/mm
- 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 6 IS FOR ILLUSTRATION PURPOSE ONLY
- PACKAGING SPECIFICATION:
 - TUBE: PK-89990-516
 - TUBE: PK-89990-578
 - TRAY: PK-89990-489
 - BULK: PK-89990-491
 - TAPE & REEL: TBD

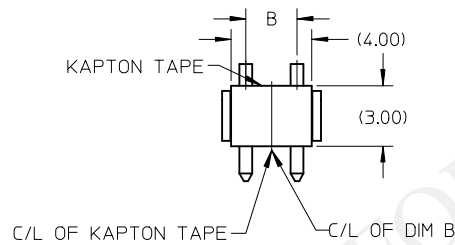


SEE SHEET 3 EC NO: S2018-0016 DRWN: MRAMAKRISHNA 2017/07/06 CHKD: APPR: MRAMAKRISHNA 2017/07/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20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

**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 REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± ---	DRAWN BY DATE MRAMAKRISHNA 2015/04/08	TITLE CUSTOM HEADER 2.54MM PITCH S/ROW HDR. S/WAFER, RIGHT ANGLE			
		ANGULAR ± 3 °	CHECKED BY DATE ATSEE 2015/04/08	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE MRAMAKRISHNA 2015/04/30	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87897-013	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 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	NTS	METRIC		
		4 PLACES	± ---	± ---	DRAWN BY	DATE	CUSTOM HEADER 2.54MM PITCH S/ROW HDR. S/WAFER, RIGHT ANGLE MOLEX INCORPORATED	
		3 PLACES	± ---	± ---	CHECKED BY	DATE		
2 PLACES	± 0.20	± ---	ATSEE	2015/04/08				
1 PLACE	± ---	± ---	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		ANGULAR ± 3 °	SEE TABLE		SD-87897-013		3 OF 3	
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					