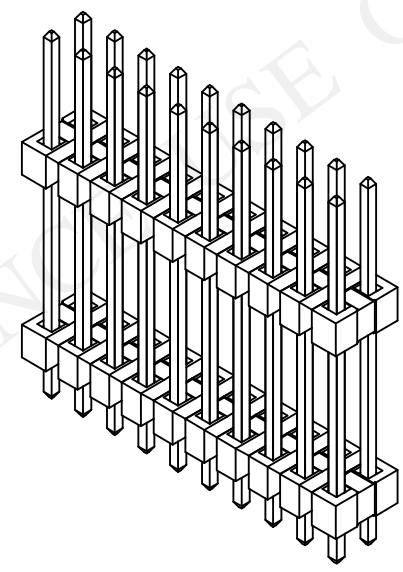
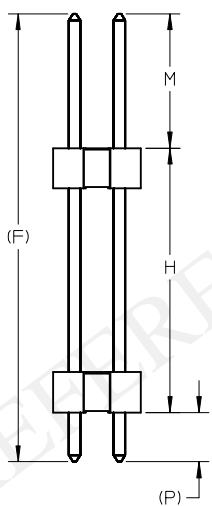
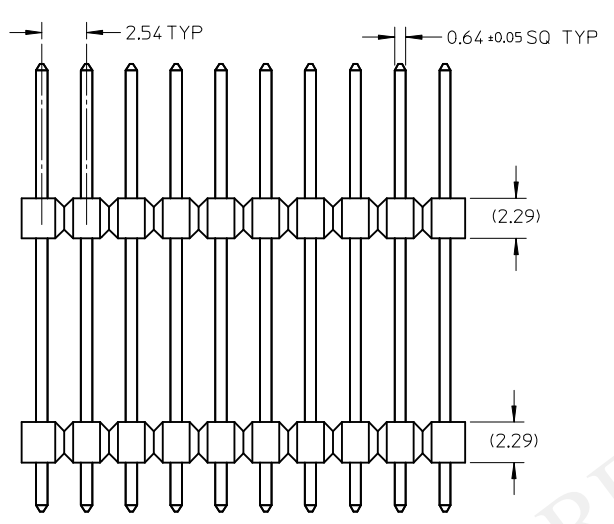
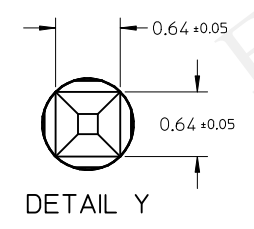


RECOMMENDED PCB LAYOUT: COMPONENT SIDE



NOTES:

- MATERIAL:  
HOUSING: LCP, GLASS FILLED, UL94V-0  
COLOR: BLACK  
PIN: COPPER ALLOY, SQ, 0.64MM
- PLATING FINISH:
  - GOLD FLASH OVERALL OVER  
1.25µm MIN. NICKEL OVERALL
  - 0.05µm MIN. GOLD IN CONTACT AREA AND  
2.50µm MIN. TIN IN SOLDER AREA OVER  
1.25µm MIN. NICKEL OVERALL
  - 0.38µm MIN. GOLD IN CONTACT AREA AND  
2.50µm MIN. TIN IN SOLDER AREA OVER  
1.25µm MIN. NICKEL OVERALL
  - 0.75µm MIN. GOLD IN CONTACT AREA AND  
2.50µm MIN. TIN IN SOLDER AREA OVER  
1.25µm MIN. NICKEL OVERALL
  - 2.50µm MIN. TIN OVERALL  
1.25µm MIN. NICKEL OVERALL
- FOR PACKING OPTION PLEASE REFER TO THE TABLE.
- THE ABOVE 20CKTS SHOWN IS FOR ILLUSTRATION ONLY.
- IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE, CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
- WAFER TO BE FLAT WITHIN 0.003mm/mm
- PARTS ARE NOT STACKABLE ON 2.54 CENTERS
- RECOMMENDED PCB THICKNESS 1.60±0.10mm
- PRODUCT SPEC: PS-87920-019
- PACKAGING SPECIFICATION:
  - TRAY: PK-89990-489
  - BULK: PK-89990-491
  - TAPE AND REEL : TBA

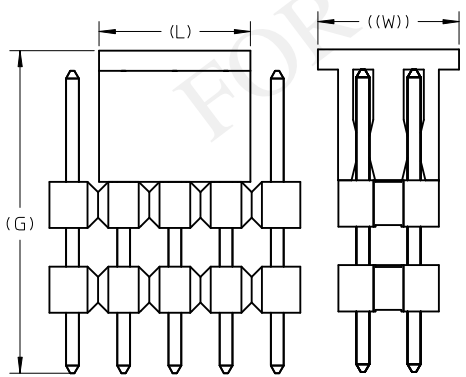


REVISION AND DOCUMENT NUMBER OF DRAWING MAY BE CHANGED DURING FINAL RELEASED FOR PRODUCTION

SEE SHEET 2 EC NO: S2017-0309 DRWN: MRAMAKRISHNA 2016/11/17 CHKD: APPR: MRAMAKRISHNA 2016/12/05	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"> <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	± ---	± ---	MM ONLY	NTS	METRIC	
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<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY</td> <td>2013/12/11</td> <td rowspan="2">CUSTOMER HEADER 2.54MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE</td> </tr> <tr> <td>CHECKED BY</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td rowspan="2"> </td> </tr> <tr> <td>ATSEE</td> <td>2013/12/11</td> </tr> </tbody> </table>	DESCRIPTION	DATE	TITLE	DRAWN BY	2013/12/11	CUSTOMER HEADER 2.54MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE	CHECKED BY		APPROVED BY	DATE		ATSEE	2013/12/11	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-87797-500</b>	SHEET NO. 1 OF 2							
DESCRIPTION	DATE	TITLE																						
DRAWN BY	2013/12/11	CUSTOMER HEADER 2.54MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE																						
CHECKED BY																								
APPROVED BY	DATE																							
ATSEE	2013/12/11																							
25	REV	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

CKT SIZE	DIMENSION	
	A	B
04	5.08	2.54
06	7.62	5.08
08	10.16	7.62
10	12.70	10.16
12	15.24	12.70
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
22	27.94	25.40
24	30.48	27.94
26	33.02	30.48
28	35.56	33.02
30	38.10	35.56
32	40.64	38.10
34	43.18	40.64
36	45.72	43.18
38	48.26	45.72
40	50.80	48.26
42	53.34	50.80
44	55.88	53.34
46	58.42	55.88
48	60.96	58.42
50	63.50	60.96
52	66.04	63.50
54	68.58	66.04
56	71.12	68.58
58	73.66	71.12
60	76.20	73.66
62	78.74	76.20
64	81.28	78.74
66	83.82	81.28
68	86.36	83.82
70	88.90	86.36
72	91.44	88.90
74	93.98	91.44
76	96.52	93.98
78	99.06	96.52
80	101.60	99.06

P/N FOR TUBE PACKAGING	P/N FOR TAPE & REEL PACKAGING	P/N FOR TRAY PACKAGING	P/N FOR BULK PACKAGING	CKT SIZE	PEG OPTION	CAP OPTION	VOID POSITION	PLATING TYPE	(G)	F	DIMENSION					
											MATING END	STACKER HEIGHT	SOLDER TAIL	CAP	(L)	(W)
-	87797-0402	-	-	4	NO	NO	-	3	-	27.00	5.00	19.00	3.00	-	-	
87797-0609	-	-	-	06	NO	NO	-	5	-	42.00	15.00	12.00	15.00	-	-	
-	-	87797-0611	-	06	NO	NO	-	5	-	45.00	5.25	34.5	5.25	-	-	
-	-	87797-0802	-	08	NO	NO	-	1	-	28.50	8.00	12.50	8.00	-	-	
-	87797-1004	-	-	10	NO	YES	-	6	16.00	15.00	5.50	6.50	3.00	7.50	7.00	
87797-1000	-	-	-	10	NO	NO	3 AND 4	5	-	16.00	4.00	8.00	4.00	-	-	
-	87797-1005	-	-	10	NO	NO	-	3	43.00	42.00	10.00	29.00	3.00	-	-	
-	-	87797-1207	-	12	NO	NO	-	5	-	45.00	5.60	36.40	3.00	-	-	
-	-	87797-1208	-	12	NO	NO	-	3	-	16.15	6.80	6.35	3.00	-	-	
-	-	87797-1209	-	12	NO	NO	-	3	-	15.75	7.80	4.75	3.20	-	-	
-	-	87797-1210	-	12	NO	NO	-	5	-	45.00	7.60	34.40	3.00	-	-	
-	-	87797-1211	-	12	NO	NO	-	1	-	38.50	6.00	26.50	6.00	-	-	
-	87797-1212	-	-	12	NO	YES	-	5	20.76	18.70	1.50	15.70	1.50	10.16	6.10	
-	-	87797-1402	-	14	NO	NO	-	5	-	25.50	6.50	16.00	3.00	-	-	
87797-1601	-	-	-	16	NO	NO	-	1	-	40.00	5.00	32.00	3.00	-	-	
-	-	87797-1602	-	16	NO	NO	-	1	-	23.00	5.00	15.00	3.00	-	-	
-	-	87797-1603	-	16	NO	NO	-	5	-	28.00	7.00	18.00	3.00	-	-	
-	-	87797-1801	-	18	NO	NO	-	5	-	27.00	8.50	10.00	8.50	-	-	
87797-2006	-	-	-	20	NO	NO	3, 4, 5, 6, 9, 10, 11, 12, 15, 16, 17 AND 18	5	-	16.00	4.00	8.00	4.00	-	-	
-	-	87797-2007	-	20	NO	NO	-	5	-	18.00	4.00	11.00	3.00	-	-	
87797-2200	-	-	-	22	NO	NO	-	3	-	21.10	7.40	10.70	3.00	-	-	
-	87797-2601	-	-	26	NO	YES	-	5	33.13	32.11	15.60	14.00	2.51	10.16	6.10	



NEW PART NUMBER 87797-1402  
 EC NO: S2017-0309  
 DRWING: MRAMAKRISHNA 2016/11/17  
 CHKD:  
 APPR: MRAMAKRISHNA 2016/12/05

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
$F_G=0$	4 PLACES ± --- ± ---	DRAWN BY ATSEE	DATE 2013/12/11	TITLE	
$F_P=0$	3 PLACES ± --- ± ---	CHECKED BY	DATE	CUSTOMER HEADER	
	2 PLACES ± 0.20 ± ---	APPROVED BY ATSEE	DATE 2013/12/11	2.54MM PITCH DUAL ROW	
	1 PLACE ± --- ± ---	MATERIAL NO.	DOCUMENT NO.	DUAL WAFER THROUGH HOLE	
	0 PLACE ± --- ± ---	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	molex	
	ANGULAR ± 3 °	SEE TABLE	SD-87797-500	SHEET NO. 2 OF 2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				