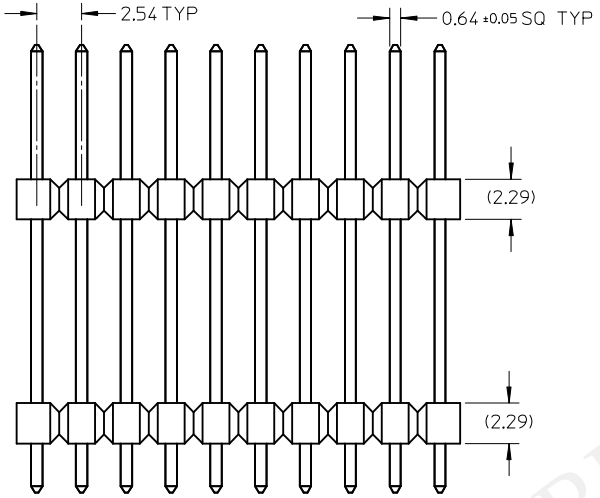
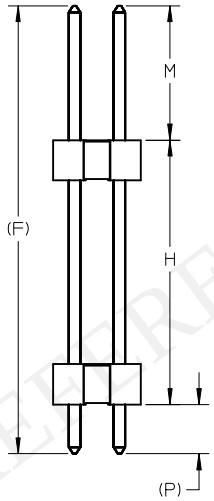
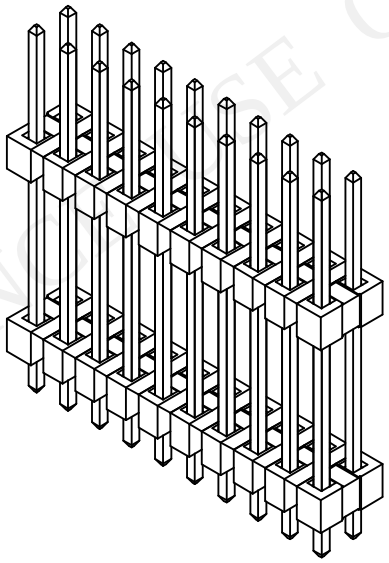


RECOMMENDED PCB LAYOUT: COMPONENT SIDE

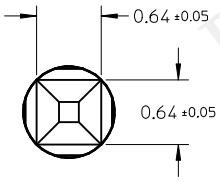






NOTES:

1. MATERIAL:
   HOUSING: LCP,GLASS FILLED, UL94V-0
   COLOR: BLACK
   PIN: COPPER ALLOY, SQ, 0.64MM
2. PLATING FINISH:
   1) GOLD FLASH OVERALL OVER
      1.25µm MIN. NICKEL OVERALL
   2) 0.05µm MIN. GOLD IN CONTACT AREA AND
      2.50µm MIN. TIN IN SOLDER AREA OVER
      1.25µm MIN. NICKEL OVERALL
   3) 0.38µm MIN. GOLD IN CONTACT AREA AND
      2.50µm MIN. TIN IN SOLDER AREA OVER
      1.25µm MIN. NICKEL OVERALL
   4) 0.75µm MIN. GOLD IN CONTACT AREA AND
      2.50µm MIN. TIN IN SOLDER AREA OVER
      1.25µm MIN. NICKEL OVERALL
   5) 2.50µm MIN. TIN OVERALL
      1.25µm MIN. NICKEL OVERALL
3. FOR PACKING OPTION PLEASE REFER TO THE TABLE.
4. THE ABOVE 20CKTS SHOWN IS FOR ILLUSTRATION ONLY.
5. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
6. WAFER TO BE FLAT WITHIN 0.003mm/mm
7. PARTS ARE NOT STACKABLE ON 2.54 CENTERS
8. RECOMMENDED PCB THICKNESS 1.60±0.10mm
9. PRODUCT SPEC: PS-87920-019
10. PACKAGING SPECIFICATION:
    TRAY: PK-89990-489
    BULK: PK-89990-491
    TAPE AND REEL : TBA



DETAIL Y

FOR REFERENCE ONLY

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
CH'KD:
APPR:MRAMAKRISHNA 2016/12/05
DESCRIPTION
REV
25

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ATSEE DATE: 2013/12/11
CHECKED BY: DATE:
APPROVED BY: ATSEE DATE: 2013/12/11
MATERIAL NO.: SEE TABLE

TITLE
CUSTOMER HEADER
2.54MM PITCH DUAL ROW
DUAL WAFER THROUGH HOLE

molex

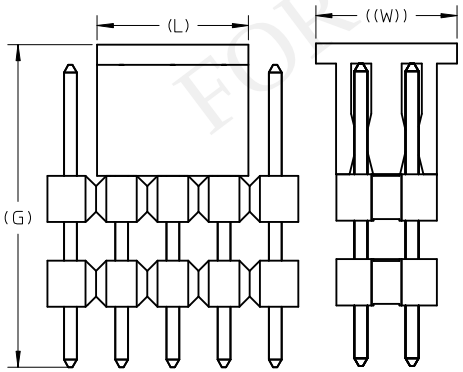
DOCUMENT NO.: SD-87797-500
SHEET NO.: 1 OF 2

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	DIMENSION							
								PLATING TYPE	(G)	F	MATING END M	STACKER HEIGHT H	SOLDER TAIL P	CAP (L)	CAP (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



FOR REFERENCE USE ONLY

NEW PART NUMBER 87797-1402
EC NO: S2017-0309
DRWN:MRAMAKRISHNA2016/11/17
CHKD:
APPR:MRAMAKRISHNA2016/12/05
DESCRIPTION
25
REV

QUALITY SYMBOLS
F_A=0
F_C=0
F_D=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ATSEE DATE: 2013/12/11
CHECKED BY: DATE:
APPROVED BY: ATSEE DATE: 2013/12/11

TITLE: CUSTOMER HEADER 2.54MM PITCH DUAL ROW DUAL WAFER THROUGH HOLE

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87797-500
SHEET NO.: 2 OF 2
SIZE: A3

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