



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N * * * * *

NO. OF CKTS. \uparrow

VERSION \uparrow

LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES.

PLATING CODE \uparrow

PER SDES-88.

VOID LOCATION \uparrow

NO VOID-SEE 4030 SERIES DWG. WITH VOIDS=NO. CORRESPONDS TO CKT. NO. VOIDED.

MULT. VOIDS=START WITH 51 AND ARE ASSIGNED CONSECUTIVELY.

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001

CKTS. NO. OF	DIM. B	DIM. A
2	(2.54 $\pm .05$) .100 $\pm .002$	(4.83 $\pm .20$) .190 $\pm .008$
3	(5.08 $\pm .13$) .200 $\pm .005$	(7.37 $\pm .20$) .290 $\pm .008$
4	(7.62 $\pm .13$) .300 $\pm .005$	(9.91 $\pm .20$) .390 $\pm .008$
5	(10.16 $\pm .13$) .400 $\pm .005$	(12.45 $\pm .20$) .490 $\pm .008$
6	(12.70 $\pm .15$) .500 $\pm .006$	(14.99 $\pm .23$) .590 $\pm .009$
7	(15.24 $\pm .15$) .600 $\pm .006$	(17.53 $\pm .23$) .690 $\pm .009$
8	(17.78 $\pm .15$) .700 $\pm .006$	(20.07 $\pm .23$) .790 $\pm .009$
9	(20.32 $\pm .18$) .800 $\pm .007$	(22.61 $\pm .25$) .890 $\pm .010$
10	(22.86 $\pm .18$) .900 $\pm .007$	(25.15 $\pm .25$) .990 $\pm .010$
11	(25.40 $\pm .18$) 1.000 $\pm .007$	(27.69 $\pm .25$) 1.090 $\pm .010$
12	(27.94 $\pm .20$) 1.100 $\pm .008$	(30.23 $\pm .28$) 1.190 $\pm .011$
13	(30.48 $\pm .20$) 1.200 $\pm .008$	(32.77 $\pm .28$) 1.290 $\pm .011$
14	(33.02 $\pm .20$) 1.300 $\pm .008$	(35.31 $\pm .28$) 1.390 $\pm .011$
15	(35.56 $\pm .20$) 1.400 $\pm .008$	(37.85 $\pm .28$) 1.490 $\pm .011$
16	(38.10 $\pm .20$) 1.500 $\pm .008$	(40.39 $\pm .28$) 1.590 $\pm .011$
17	(40.64 $\pm .23$) 1.600 $\pm .009$	(42.93 $\pm .30$) 1.690 $\pm .012$
18	(43.18 $\pm .23$) 1.700 $\pm .009$	(45.47 $\pm .30$) 1.790 $\pm .012$
19	(45.72 $\pm .23$) 1.800 $\pm .009$	(48.01 $\pm .30$) 1.890 $\pm .012$
20	(48.26 $\pm .23$) 1.900 $\pm .009$	(50.55 $\pm .30$) 1.990 $\pm .012$
21	(50.80 $\pm .25$) 2.000 $\pm .010$	(53.09 $\pm .33$) 2.090 $\pm .013$
22	(53.34 $\pm .25$) 2.100 $\pm .010$	(55.63 $\pm .33$) 2.190 $\pm .013$
23	(55.88 $\pm .25$) 2.200 $\pm .010$	(58.17 $\pm .33$) 2.290 $\pm .013$
24	(58.42 $\pm .25$) 2.300 $\pm .010$	(60.71 $\pm .33$) 2.390 $\pm .013$
25	(60.96 $\pm .28$) 2.400 $\pm .011$	(63.25 $\pm .36$) 2.490 $\pm .014$
26	(63.50 $\pm .28$) 2.500 $\pm .011$	(65.79 $\pm .36$) 2.590 $\pm .014$
27	(66.04 $\pm .28$) 2.600 $\pm .011$	(68.33 $\pm .36$) 2.690 $\pm .014$
28	(68.58 $\pm .28$) 2.700 $\pm .011$	(70.87 $\pm .36$) 2.790 $\pm .014$

NOTES:

- MATERIAL: NYLON, UL 94V-0. COLOR: WHITE
- FINISH: 102: 0.00508/.000200 MIN TIN OVER 0.00254/.000100 MIN. COPPER
132: 0.00508/.000200 MIN TIN OVER 0.00508/.000200 MIN. COPPER
501: 0.00051/.000020 MIN GOLD OVER 0.00076/.000030 MIN. NICKEL
503: 0.00076/.000030 MIN GOLD OVER 0.00076/.000030 MIN. NICKEL
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING: SEE LEGEND
- PINS MUST CONFORM TO SOLDERABILITY SPEC. SMES-152.
- PIN PUSH OUT FORCE: 2 LBS. MIN.
- PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

OBSOLETE -NA122-* EC NO: UCP2009-3089 DRAWN: KIPPER 2009/10/12 CHKD: SSOUSEK 2009/10/16 APPR: F.SMLTH 2009/10/19	QUALITY SYMBOLS
	DESCRIPTION
Z1	REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm .005$	$\pm .0002$
3 PLACES	$\pm .010$	$\pm .0004$
2 PLACES	$\pm .025$	$\pm .010$
1 PLACE	± 0.36	$\pm .014$

ANGULAR $\pm 1/2^\circ$

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
DRAWN BY SAMIEC	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS		
CHECKED BY DS	DATE 1984/09/07	MATERIAL NO. SEE CHART		
APPROVED BY KJA	DATE 1984/09/07	DOCUMENT NO. SDA-4380		
SIZE C		SHEET NO. 1 OF 13		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	13	12	11	10	9	8	7	6	5	4	3	2	1
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z			ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	
	A-4380-NA102-*	2766-K(102)	(14.22) .560	(7.49) .295	(3.43) .135			A-4380-NZ102-*	2766-K(102)	(14.22) .560	(8.38) .330	(2.54) .100	
	A-4380-NA132-*	2766-K(132)	(14.22) .560	(7.49) .295	(3.43) .135			A-4380-NAA102-*	2766-40(102)	(23.80) .937	(10.26) .404	(10.26) .404	
I	A-4380-NA501-*	2766-K(501)	(14.22) .560	(7.49) .295	(3.43) .135			A-4380-NAB102-*	2766-5(102)	(11.10) .437	(4.37) .172	(3.43) .135	
	A-4380-NA503-*	2766-K(503)	(14.22) .560	(7.49) .295	(3.43) .135			A-4380-NAC102-*	2766-K(102)	(14.22) .560	(9.70) .382	(1.22) .048	
	A-4380-NA122-*	2766-K(122)	(14.22) .560	(7.49) .295	(3.43) .135	OBSOLETE		A-4380-NAD503-*	2766-58(503)	(11.43) .450	(5.84) .230	(2.29) .090	
H	A-4380-NAP102-*	2766-58(102)	(11.43) .450	(6.10) .240	(2.03) .080			A-4380-NAE102-*	4166-8(102)	(25.40) 1.000	(11.05) .435	(11.05) .435	
	A-4380-NC102-*	2766-3(102)	(17.45) .687	(11.05) .435	(3.10) .122			A-4380-NAF102-*	2766-10(102)	(9.65) .380	(3.43) .135	(2.92) .115	
	A-4380-NC501-*	2766-3(501)	(17.45) .687	(11.05) .435	(3.10) .122			A-4380-NAG102-*	4166-8(102)	(25.40) 1.000	(13.97) .550	(8.13) .320	
	A-4380-ND102-*	2766-K(102)	(14.22) .560	(10.92) .430	(.00) .000			A-4380-NAH102-*	2766-50(102)	(9.27) .365	(3.00) .118	(2.97) .117	
G	A-4380-NE102-*	4166-30(102)	(30.48) 1.200	(23.80) .937	(3.30) .130			A-4380-NAJ102-*	2766-40(102)	(23.80) .937	(17.30) .681	(3.20) .126	
	A-4380-NF102-*	2766-39(102)	(12.70) .500	(9.07) .357	(.03) .013			A-4380-NAK102-*	2766-5K(102)	(12.32) .485	(5.84) .230	(3.18) .125	
	A-4380-NG501-*	2766-52(501)	(14.61) .575	(8.13) .320	(3.18) .125			A-4380-NAL102-*	2766-3K(102)	(16.51) .650	(10.46) .412	(2.74) .108	
F	A-4380-NH102-*	2766-8(102)	(21.39) .842	(15.24) .600	(2.84) .112			A-4380-NAM102-*	2766-37(102)	(20.32) .800	(8.51) .335	(8.51) .335	
	A-4380-NJ102-*	2766-37(102)	(20.32) .800	(7.37) .290	(9.65) .380								
	A-4380-NK501-*	2766-13(501)	(19.05) .750	(12.57) .495	(3.18) .125								
E	A-4380-NL102-*	4166-3K(102)	(31.75) 1.250	(25.02) .985	(3.43) .135								
	A-4380-NM102-*	2766-33(102)	(8.26) .325	(3.18) .125	(1.78) .070								
	A-4380-NM513-*	VOIDED											
D	A-4380-NP102-*	2766-8(102)	(21.39) .842	(14.22) .560	(3.86) .152								
	A-4380-NR102-*	2766-59(102)	(16.94) .667	(10.92) .430	(2.72) .107								
	A-4380-NR501-*	2766-59(501)	(16.94) .667	(10.92) .430	(2.72) .107								
	A-4380-NS102-*	2766-27(102)	(11.99) .472	(5.08) .200	(3.61) .142								
C	A-4380-NT102-*	2766-3(102)	(17.45) .687	(9.91) .390	(4.37) .172								
	A-4380-NV102-*	2766-2K(102)	(30.48) 1.200	(23.80) .937	(3.38) .133								
	A-4380-NW102-*	4166-8(102)	(25.40) 1.000	(18.29) .720	(3.81) .150								
B	A-4380-NY102-*	2766-K(102)	(14.22) .560	(9.07) .357	(1.85) .073								

SEE SHEET 1 EC NO: UCP2009-3089 DRAWN: KIPPER 2009/10/12 CHKD: SSOUSEK 2009/10/16 APPR: FSMITH 2009/10/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0005</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± .005	± .0005	1 PLACE	± .005	± .0005	MM/IN	---	INCH	
		mm	INCH																		
	4 PLACES	± .005	± .0005																		
3 PLACES	± .005	± .0005																			
2 PLACES	± .005	± .0005																			
1 PLACE	± .005	± .0005																			
DRAWN BY: SAMIEC CHECKED BY: DS APPROVED BY: KJA	DATE: 1984/09/07 DATE: 1984/09/07 DATE: 1984/09/07	TITLE	KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS																		
Z1	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4380	SHEET NO. 2 OF *		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																

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A-4380-NAMI02-*

PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.
22-24-2152	A-4380-15AMI02-7	7									
22-24-2172	A-4380-17AMI02-7	7									
22-24-2242	A-4380-24AMI02-51	9,18									
022-24-2153	A-4380-15AMI02-6	6									

COLUMN NO. 1	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 2	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 3	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 4	CON'T. IN COLUMN NO.	SHEET NO.
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SEE SHEET I	SEE SHEET I	DIMENSIONS SHOWN METRIC () INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° INCH METRIC 3 PLACE ± .005 --- 2 PLACE ± .01 ± 0.13 1 PLACE --- ± 0.25 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY: SAMIEC DWG. BY: PATEL APP'D. BY: LENZ SCALE: : FILE NAME: S4380X1	DIMENSIONS SHOWN METRIC () INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° INCH METRIC 3 PLACE ± .005 --- 2 PLACE ± .01 ± 0.13 1 PLACE --- ± 0.25 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY: SAMIEC DWG. BY: PATEL APP'D. BY: LENZ SCALE: : FILE NAME: S4380X1	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS
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TITLE WAFER ASSEMBLY KK FLAT (4030 WITH VOIDS) 4380 SERIES DWG MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. SHEET NO. 13 DATE 4 / 6 / 92 PART NO. SDA-4380 DRWG. NO.		REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS	REVISIONS LTR. REVISIONS

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