



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N * * * * *

NO. OF CKTS. ↑

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

PLATING CODE ↑ PER SDES-88.

VOID LOCATION ↑ 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	
	mm	INCH	mm	INCH
2	2.54 ± .05	(4.83 ± .20)	1.00 ± .002	.190 ± .008
3	5.08 ± .13	(7.37 ± .20)	.200 ± .005	.290 ± .008
4	7.62 ± .13	(9.91 ± .20)	.300 ± .005	.390 ± .008
5	10.16 ± .13	(12.45 ± .20)	.400 ± .005	.490 ± .008
6	12.70 ± .15	(14.99 ± .23)	.500 ± .006	.590 ± .009
7	15.24 ± .15	(17.53 ± .23)	.600 ± .006	.690 ± .009
8	17.78 ± .15	(20.07 ± .23)	.700 ± .006	.790 ± .009
9	20.32 ± .18	(22.61 ± .25)	.800 ± .007	.890 ± .010
10	22.86 ± .18	(25.15 ± .25)	.900 ± .007	.990 ± .010
11	25.40 ± .18	(27.69 ± .25)	1.000 ± .007	1.090 ± .010
12	27.94 ± .20	(30.23 ± .28)	1.100 ± .008	1.190 ± .011
13	30.48 ± .20	(32.77 ± .28)	1.200 ± .008	1.290 ± .011
14	33.02 ± .20	(35.31 ± .28)	1.300 ± .008	1.390 ± .011
15	35.56 ± .20	(37.85 ± .28)	1.400 ± .008	1.490 ± .011
16	38.10 ± .20	(40.39 ± .28)	1.500 ± .008	1.590 ± .011
17	40.64 ± .23	(42.93 ± .30)	1.600 ± .009	1.690 ± .012
18	43.18 ± .23	(45.47 ± .30)	1.700 ± .009	1.790 ± .012
19	45.72 ± .23	(48.01 ± .30)	1.800 ± .009	1.890 ± .012
20	48.26 ± .23	(50.55 ± .30)	1.900 ± .009	1.990 ± .012
21	50.80 ± .25	(53.09 ± .33)	2.000 ± .010	2.090 ± .013
22	53.34 ± .25	(55.63 ± .33)	2.100 ± .010	2.190 ± .013
23	55.88 ± .25	(58.17 ± .33)	2.200 ± .010	2.290 ± .013
24	58.42 ± .25	(60.71 ± .33)	2.300 ± .010	2.390 ± .013
25	60.96 ± .28	(63.25 ± .36)	2.400 ± .011	2.490 ± .014
26	63.50 ± .28	(65.79 ± .36)	2.500 ± .011	2.590 ± .014
27	66.04 ± .28	(68.33 ± .36)	2.600 ± .011	2.690 ± .014
28	68.58 ± .28	(70.87 ± .36)	2.700 ± .011	2.790 ± .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	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
	▽=0						mm	DATE
	▽=0						INCH	DATE
							±.010	DATE
	±.025	±.014	DATE					
	±.036	±.014	DATE					
		ANGULAR ±1/2°						

DRAWN BY SAMIEC CHECKED BY DS APPROVED BY KJA MATERIAL NO. SEE CHART SIZE C	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS	MATERIAL NO. SDA-4380 SHEET NO. 1 OF 13
	DATE 1984/09/07	MOLEX INCORPORATED	
	DATE 1984/09/07	DOCUMENT NO.	
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			

13	12	11	10	9	8	7	6	5	4	3	2	1
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		
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		
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		
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		
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								
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											
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								
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								
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 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION															
		<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>± .008</td> <td>± .0008</td> </tr> <tr> <td>2 PLACES</td> <td>± .012</td> <td>± .0012</td> </tr> <tr> <td>1 PLACE</td> <td>± .015</td> <td>± .0015</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .008	± .0008	2 PLACES	± .012	± .0012	1 PLACE	± .015	± .0015	DRAWN BY SAMIEC	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS	
			mm	INCH																	
		4 PLACES	± .005	± .0005																	
3 PLACES	± .008	± .0008																			
2 PLACES	± .012	± .0012																			
1 PLACE	± .015	± .0015																			
APPROVED BY KJA	DATE 1984/09/07	MOLEX INCORPORATED		SHEET NO. 2 OF *																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. SDA-4380	DOCUMENT NO.																		

13 12 11 10 9 8 7 6 4380 4 3 2 1

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									

4380

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.
						SEE SHEET I		SEE SHEET I	SEE SHEET I		
						SEE SHEET I	T2	SEE SHEET I	SEE SHEET I		
						SEE SHEET I	T1	SEE SHEET I	SEE SHEET I		
						SEE SHEET I	S7	SEE SHEET I	SEE SHEET I		
						SEE SHEET I	S6	SEE SHEET I	SEE SHEET I		
LTR.			LTR.			REVISIONS		REVISIONS			

MOLEX INCORPORATED

1354 JLL. 60532 U.S.A.

3 PLACE ± .005 ---

2 PLACE ± .01 ± 0.13

1 PLACE --- ± 0.25

DRIFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY: SAMTEC CK'D. BY: PATEL
 APP'D. BY: LENZ SCALE: ±

DIMENSIONS SHOWN (METRIC) INCH
 UNLESS OTHERWISE SPECIFIED
 TOLERANCES: ANGULAR ± 1/2°

REVISIONS ONLY ON CAD SYSTEM

TITLE: WAFER ASSEMBLY KK FLAT (4030 WITH VOIDS) 4380 SERIES DWG

PART NO. SEE CHART DWG. NO. SDA-4380

FILE NAME: S4380X1 DIV: KK SIZE: C

DATE: 4/6/92

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13 12 11 10 9 8 7 6 5 4 3 2 1

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