



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 PER SDES-88.  $\uparrow$

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	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	DESCRIPTION					
REV	DESCRIPTION	mm	INCH	DRAWN BY SAMIEC	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS
Z1		4 PLACES $\pm$ ---	$\pm$ ---	CHECKED BY DS	DATE 1984/09/07	MOLEX INCORPORATED
		3 PLACES $\pm$ ---	$\pm .010$	APPROVED BY KJA	DATE 1984/09/07	
		2 PLACES $\pm$ 0.25	$\pm .014$	MATERIAL NO.	DOCUMENT NO.	SEE CHART
		1 PLACE $\pm$ 0.36	$\pm$ ---	ANGULAR $\pm$ 1/2°		
		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		SHEET NO. 1 OF 13

	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																			
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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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. SDA-4380	SHEET NO. 2 OF *																

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.

SEE SHEET I	SEE SHEET I	<small>DIMENSIONS SHOWN METRIC ( ) INCH</small> <small>UNLESS OTHERWISE SPECIFIED</small> <small>TOLERANCES: ANGULAR ± 1/2°</small> <small>INCH METRIC</small> 3 PLACE ± .005 --- 2 PLACE ± .01 ± 0.13 1 PLACE --- ± 0.25 <small>DRAFT WHERE APPLICABLE MUST</small> <small>REMAIN WITHIN DIMENSIONS</small>	<small>▽ = 0</small> <small>▼ = 0</small> <b>REVISE ONLY ON CAD SYSTEM</b> TITLE WAFER ASSEMBLY KK FLAT (4030 WITH VOIDS) 4380 SERIES DWG
SEE SHEET I	SEE SHEET I		
SEE SHEET I	SEE SHEET I		
SEE SHEET I	T2 SEE SHEET I		
SEE SHEET I	T1 SEE SHEET I		
SEE SHEET I	S7 SEE SHEET I		
SEE SHEET I	S6 SEE SHEET I		
DRW. BY: SAMJEC APP'D. BY: LENZ	CHKD. BY: PATEL SCALE :	PART NO. <b>MOLEX INCORPORATED</b> LISLE, ILL. 60532 U.S.A. SHEET NO. 13 DATE 4/6/92 <b>SEE CHART</b>	DRWG. NO. SDA-4380 DIV. KK SIZE C