



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
2	(2.54 ± .05) .100 ± .002	(4.83 ± .20) .190 ± .008
3	(5.08 ± .13) .200 ± .005	(7.37 ± .20) .290 ± .008
4	(7.62 ± .13) .300 ± .005	(9.91 ± .20) .390 ± .008
5	(10.16 ± .13) .400 ± .005	(12.45 ± .20) .490 ± .008
6	(12.70 ± .15) .500 ± .006	(14.99 ± .23) .590 ± .009
7	(15.24 ± .15) .600 ± .006	(17.53 ± .23) .690 ± .009
8	(17.78 ± .15) .700 ± .006	(20.07 ± .23) .790 ± .009
9	(20.32 ± .18) .800 ± .007	(22.61 ± .25) .890 ± .010
10	(22.86 ± .18) .900 ± .007	(25.15 ± .25) .990 ± .010
11	(25.40 ± .18) 1.000 ± .007	(27.69 ± .25) 1.090 ± .010
12	(27.94 ± .20) 1.100 ± .008	(30.23 ± .28) 1.190 ± .011
13	(30.48 ± .20) 1.200 ± .008	(32.77 ± .28) 1.290 ± .011
14	(33.02 ± .20) 1.300 ± .008	(35.31 ± .28) 1.390 ± .011
15	(35.56 ± .20) 1.400 ± .008	(37.85 ± .28) 1.490 ± .011
16	(38.10 ± .20) 1.500 ± .008	(40.39 ± .28) 1.590 ± .011
17	(40.64 ± .23) 1.600 ± .009	(42.93 ± .30) 1.690 ± .012
18	(43.18 ± .23) 1.700 ± .009	(45.47 ± .30) 1.790 ± .012
19	(45.72 ± .23) 1.800 ± .009	(48.01 ± .30) 1.890 ± .012
20	(48.26 ± .23) 1.900 ± .009	(50.55 ± .30) 1.990 ± .012
21	(50.80 ± .25) 2.000 ± .010	(53.09 ± .33) 2.090 ± .013
22	(53.34 ± .25) 2.100 ± .010	(55.63 ± .33) 2.190 ± .013
23	(55.88 ± .25) 2.200 ± .010	(58.17 ± .33) 2.290 ± .013
24	(58.42 ± .25) 2.300 ± .010	(60.71 ± .33) 2.390 ± .013
25	(60.96 ± .28) 2.400 ± .011	(63.25 ± .36) 2.490 ± .014
26	(63.50 ± .28) 2.500 ± .011	(65.79 ± .36) 2.590 ± .014
27	(66.04 ± .28) 2.600 ± .011	(68.33 ± .36) 2.690 ± .014
28	(68.58 ± .28) 2.700 ± .011	(70.87 ± .36) 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	DESCRIPTION	QUALITY SYMBOLS
	Z1	▽=0 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	MM/IN	---	INCH	
4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE		
3 PLACES ± --- ± .010	SAMIEC	1984/09/07	KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS		
2 PLACES ± 0.25 ± .014	CHECKED BY	DATE	MOLEX INCORPORATED		
1 PLACE ± 0.36 ± ---	DS	1984/09/07	MATERIAL NO. SDA-4380		
ANGULAR ± 1/2°	APPROVED BY	DATE	SHEET NO. 1 OF 13		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	KJA	1984/09/07	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								
A-4380-NA102-*	2766-K(102)	(14.22) .560	(7.49) .295	(3.43) .135								
A-4380-NA132-*	2766-K(132)	(14.22) .560	(7.49) .295	(3.43) .135								
A-4380-NA501-*	2766-K(501)	(14.22) .560	(7.49) .295	(3.43) .135								
A-4380-NA503-*	2766-K(503)	(14.22) .560	(7.49) .295	(3.43) .135								
A-4380-NA122-*	2766-K(122)	(14.22) .560	(7.49) .295	(3.43) .135	OBSOLETE							
A-4380-NAP102-*	2766-58(102)	(11.43) .450	(6.10) .240	(2.03) .080								
A-4380-NC102-*	2766-3(102)	(17.45) .687	(11.05) .435	(3.10) .122								
A-4380-NC501-*	2766-3(501)	(17.45) .687	(11.05) .435	(3.10) .122								
A-4380-ND102-*	2766-K(102)	(14.22) .560	(10.92) .430	(.00) .000								
A-4380-NE102-*	4166-30(102)	(30.48) 1.200	(23.80) .937	(3.30) .130								
A-4380-NF102-*	2766-39(102)	(12.70) .500	(9.07) .357	(.03) .013								
A-4380-NG501-*	2766-52(501)	(14.61) .575	(8.13) .320	(3.18) .125								
A-4380-NH102-*	2766-8(102)	(21.39) .842	(15.24) .600	(2.84) .112								
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-*	4166-31(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								

ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z								
A-4380-NZ102-*	2766-K(102)	(14.22) .560	(8.38) .330	(2.54) .100								
A-4380-NAA102-*	2766-40(102)	(23.80) .937	(10.26) .404	(10.26) .404								
A-4380-NAB102-*	2766-5(102)	(11.10) .437	(4.37) .172	(3.43) .135								
A-4380-NAC102-*	2766-K(102)	(14.22) .560	(9.70) .382	(1.22) .048								
A-4380-NAD503-*	2766-58(503)	(11.43) .450	(5.84) .230	(2.29) .090								
A-4380-NAE102-*	4166-8(102)	(25.40) 1.000	(11.05) .435	(11.05) .435								
A-4380-NAF102-*	2766-10(102)	(9.65) .380	(3.43) .135	(2.92) .115								
A-4380-NAG102-*	4166-8(102)	(25.40) 1.000	(13.97) .550	(8.13) .320								
A-4380-NAH102-*	2766-50(102)	(9.27) .365	(3.00) .118	(2.97) .117								
A-4380-NAJ102-*	2766-40(102)	(23.80) .937	(17.30) .681	(3.20) .126								
A-4380-NAK102-*	2766-5K(102)	(12.32) .485	(5.84) .230	(3.18) .125								
A-4380-NAL102-*	2766-3K(102)	(16.51) .650	(10.46) .412	(2.74) .108								
A-4380-NAM102-*	2766-37(102)	(20.32) .800	(8.51) .335	(8.51) .335								

SEE SHEET 1 EC NO: UCP2009-3089 DRAWN: KIPPER 2009/10/12 CHKD: SSOUSEK 2009/10/16 APPR: F. SMITH 2009/10/19	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <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	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .005	± .0005																		
	3 PLACES	± .005	± .0005																		
2 PLACES	± .005	± .0005																			
1 PLACE	± .005	± .0005																			
DRAWN BY SAMIEC	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS																			
CHECKED BY DS	DATE 1984/09/07	MOLEX INCORPORATED																			
APPROVED BY KJA	DATE 1984/09/07	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4380	SHEET NO. 2 OF *																	

A-4380-NA 102-*			A-4380-NA 102-*			A-4380-NA 132-*			A-4380-NA 501-*		
PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.	PART NO.	ENG. NO.	VOID CKT.
22-04-2122	A-4380-12A 102-9	9	22-04-2221	A-4380-22A 102-2	2		A-4380-2A 132-2	2	22-11-2071	A-4380-7A501-2	2
	A-4380-17A 102-13	13	22-04-2231	A-4380-23A 102-2	2		A-4380-3A 132-2	2	22-11-2081	A-4380-8A501-2	2
22-04-2163	A-4380-16A 102-9	9	22-04-2241	A-4380-24A 102-2	2		A-4380-4A 132-2	2	22-11-2091	A-4380-9A501-2	2
	A-4380-4A 102-51	1,4	22-04-2251	A-4380-25A 102-2	2	22-24-2052	A-4380-5A 132-2	2	22-11-2101	A-4380-10A501-2	2
	A-4380-20A 102-51	7,16	22-04-2261	A-4380-26A 102-2	2		A-4380-6A 132-2	2	22-11-2111	A-4380-11A501-2	2
	A-4380-20A 102-4	4	22-04-2271	A-4380-27A 102-2	2		A-4380-7A 132-2	2	22-11-2121	A-4380-12A501-2	2
I 22-04-2237	A-4380-23A 102-51	2,4,6,8,10,12,14,16,18,20,22	22-04-2281	A-4380-28A 102-2	2	22-24-2082	A-4380-8A 132-2	2	22-11-2131	A-4380-13A501-2	2
			22-04-2126	A-4380-12A 102-51	2,3,5,7,9,11	22-24-2092	A-4380-9A 132-2	2	22-11-2141	A-4380-14A501-2	2
22-04-2084	A-4380-8A 102-3	3		A-4380-16A 102-54	3,8,9,10,11,12		A-4380-10A 132-2	2	22-11-2151	A-4380-15A501-2	2
	A-4380-8A 102-51	3,6		A-4380-12A 102-52	2,3		A-4380-11A 132-2	2	22-11-2161	A-4380-16A501-2	2
22-04-2059	A-4380-5A 102-51	2,4	S 22-04-2155	A-4380-15A 102-4	4		A-4380-12A 132-2	2	22-11-2171	A-4380-17A501-2	2
	A-4380-18A 102-4	4	I 22-04-2076	A-4380-7A 102-51	2,5		A-4380-13A 132-2	2	22-11-2181	A-4380-18A501-2	2
22-04-2038	A-4380-3A 102-2	2	I 22-04-2134	A-4380-13A 102-3	3		A-4380-14A 132-2	2	22-11-2191	A-4380-19A501-2	2
22-04-2177	A-4380-17A 102-3	3	22-04-2112	A-4380-11A 102-8	8		A-4380-15A 132-2	2	22-11-2201	A-4380-20A501-2	2
22-04-2075	A-4380-7A 102-1	1	22-04-2143	A-4380-14A 102-7	7		A-4380-16A 132-2	2	22-11-2211	A-4380-21A501-2	2
22-04-2174	A-4380-17A 102-6	6	22-04-2162	A-4380-16A 102-11	11		A-4380-17A 132-2	2	22-11-2221	A-4380-22A501-2	2
22-04-2184	A-4380-18A 102-5	5	22-04-2085	A-4380-8A 102-53	3,5,7		A-4380-18A 132-2	2	22-11-2231	A-4380-23A501-2	2
22-04-2234	A-4380-23A 102-13	13		A-4380-22A 102-51	8,13,16,19		A-4380-19A 132-2	2	22-11-2241	A-4380-24A501-2	2
22-04-2176	A-4380-17A 102-4	4	22-04-2154	A-4380-15A 102-3	3		A-4380-20A 132-2	2	22-11-2251	A-4380-25A501-2	2
22-04-2142	A-4380-14A 102-4	4		A-4380-9A 102-5	5		A-4380-21A 132-2	2	22-11-2261	A-4380-26A501-2	2
22-04-2074	A-4380-7A 102-3	3	22-04-2083	A-4380-8A 102-52	3,4,6		A-4380-22A 132-2	2	22-11-2271	A-4380-27A501-2	2
	A-4380-15A 102-51	2,4,6,8,10,12,14	22-04-2113	A-4380-11A 102-51	4,8		A-4380-23A 132-2	2	22-11-2281	A-4380-28A501-2	2
			I 22-04-2173	A-4380-17A 102-51	2,4,6,8,10,12,14,16		A-4380-24A 132-2	2	22-11-2021	A-4380-2A501-2	2
	A-4380-25A 102-51	2,4,6,8,10,12,14,16,18,20,22,24	22-04-2082	A-4380-8A 102-4	4		A-4380-25A 132-2	2	22-11-2031	A-4380-3A501-1	1
			22-04-2094	A-4380-9A 102-3	3		A-4380-26A 132-2	2	22-11-2041	A-4380-4A501-2	2
22-04-2132	A-4380-13A 102-51	2,4,6,8,10,12		A-4380-13A 102-9	9	22-24-2083	A-4380-27A 132-2	2	22-11-2051	A-4380-5A501-2	2
22-04-2152	A-4380-15A 102-6	6		A-4380-16A 102-53	12,15		A-4380-28A 132-2	2	22-11-2061	A-4380-6A501-2	2
22-04-2102	A-4380-10A 102-4	4		A-4380-16A 102-52	2,4,14		A-4380-8A 132-3	3	22-22-2083	A-4380-8A501-3	3
	A-4380-16A 102-51	2,3,5,7,9,11,13,15		A-4380-20A 102-14	14					A-4380-9A501-3	3
			22-04-2031	A-4380-3A 102-1	1					A-4380-11A501-51	1,3,5,7,9,11
22-04-2021	A-4380-2A 102-2	2	I 22-04-2093	A-4380-9A 102-51	2,4,6,8					A-4380-18A501-51	2,4,6,8,10,12,14,16,18
22-04-2041	A-4380-4A 102-2	2	I 22-04-2064	A-4380-6A 102-3	3				22-22-2245	A-4380-24A501-51	2,4,6,8,10,12,14,16,18,20,22,24
22-04-2051	A-4380-5A 102-2	2	I 22-04-2104	A-4380-10A 102-51	2,4						
22-04-2061	A-4380-6A 102-2	2	I 22-04-2158	A-4380-15A 102-52	2,4						
22-04-2071	A-4380-7A 102-2	2		A-4380-11A 102-6	6				22-22-2165	A-4380-16A501-53	2,4,6,8,10,12,14,16
22-04-2081	A-4380-8A 102-2	2		A-4380-5A 102-52	2,3,4						
22-04-2091	A-4380-9A 102-2	2		A-4380-25A 102-4	4				22-22-2055	A-4380-5A501-51	2,4
22-04-2101	A-4380-10A 102-2	2		A-4380-25A 102-52	9,10,11,12,13,15,16,18,19				22-22-2032	A-4380-3A501-2	2
22-04-2111	A-4380-11A 102-2	2								A-4380-20A501-14	14
22-04-2121	A-4380-12A 102-2	2		A-4380-20A 102-3	3					A-4380-16A501-52	2,4,14
22-04-2131	A-4380-13A 102-2	2		A-4380-22A 102-6	6					A-4380-16A501-51	12,15
22-04-2141	A-4380-14A 102-2	2	22-04-2044	A-4380-4A 102-52	2,3					A-4380-16A501-3	3
22-04-2151	A-4380-15A 102-2	2	22-04-2178	A-4380-17A 102-52	3,5,9,12,14,15					A-4380-11A501-5	5
22-04-2161	A-4380-16A 102-2	2	22-04-2105	A-4380-10A 102-52	3,8					A-4380-11A501-4	4
22-04-2171	A-4380-17A 102-2	2	22-04-2206	A-4380-20A 102-52	10,14					A-4380-11A501-3	3
22-04-2181	A-4380-18A 102-2	2	22-04-2065	A-4380-6A 102-51	2,4				22-22-2102	A-4380-10A501-8	8
22-04-2191	A-4380-19A 102-2	2							22-22-2101	A-4380-10A501-7	7
22-04-2201	A-4380-20A 102-2	2							22-22-2063	A-4380-6A501-3	3
22-04-2211	A-4380-21A 102-2	2							22-22-2125	A-4380-12A501-51	2,4,6,8,10,12

COLUMN NO. 1	CON'T. IN COLUMN NO. 2	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 1	S9	SEE SHEET 1	DIMENSIONS SHOWN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/32° INCH METRIC 3 PLACE ± --- --- 2 PLACE ± --- ± --- 1 PLACE --- ± --- DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY: KSS DRWG. IN: NP APP'D BY: KJA SCALE: ---:-- LTR. REVISIONS LTR. REVISIONS								
TITLE: WAFER ASS'Y., FLAT; KK (4030 WITH VOIDS) 4380 SERIES DWG. MOLEX INCORPORATED SHEET NO. 3 DATE 09/07/84 LITTLEFALL, U.S.A. 60532 PART NO. SEE CHART DRWG. NO. SDA-4380 FILE NAME: _____ DIV. SIZE: KK C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.											