



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

- NOTES:
- PINS MUST CONFORM TO SOLDERABILITY SPEC. I52.
  - PIN PUSH OUT FORCE: 2 LBS. MIN.
  - PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
  - MATERIAL: NYLON 6/6, 94V-0.
  - CODE LETTER PRECEDING PART NO. DESIGNATES MANUFACTURING LOCATION. I=IRELAND, S=SINGAPORE.
  - ASS'Y. MUST BE FLAT WITHIN (.13)/.005 T.I.R./MM/IN.
  - PARTS CONFORM TO PROD. SPEC. 10-07.
  - \* PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.

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

A-4030-N \* (\* ) \*

NO. OF CKTS.

PLATING CODE PER SDES-88.

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK
A	TUBE PER PK-44743-002

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

16	CE5		
15	CE6		
14	CE4		
13	CD2		
12	CB	CF	44743 WAS 40873 UCR2000-0806 8-16-00 SAMIEC
11	CB		
10	CB		
9	CD	CE7	REL NBR102 UCR1999-0780 8-4-99 SAMIEC
8	CE7		
7	CB	CE6	REL NLC102 UCR1999-0783 5-19-99 SAMIEC
6	CB		
5	CD1		
4	CB	CE5	ADD/REL NA501-A EC UB1024 97-10-21 SAMIEC
3	CB		
2	CB		
1	CF	CE4	REL NHS102 EC U70493 SAMIEC 10-28-96
	MFG. SH. REV. LTR.		REVISIONS

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

3 PLACE ± INCH METRIC

2 PLACE ± INCH METRIC

1 PLACE ± INCH METRIC

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. SAMIEC DWG. NO. PATEL

FILE NAME S4030X1

SCALE :

DATE 16/06/10/88

MOLEX INCORPORATED L15L:JLL 60532 U.S.A.

SEE CHART

WAFFER ASS'Y., FLAT MINI KK 4030 SERIES DWG.

DATE 16/06/10/88

SHEET NO. 1 OF 16

SDA-4030

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

	13	12	11	10	9	8	7	6	4030	4	3	2	1				
	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z												
J	A-4030-NA(102)...	2766-K(102)...	.560 (14,22)	.295 (7,49)	.135 (3,43)	1								J			
	A-4030-NA(50)...	2766-K(50)...	.560 (14,22)	.295 (7,49)	.135 (3,43)	2											
	A-.....	.....	(...)	(...)	(...)												
I	A-.....	.....	(...)	(...)	(...)									I			
	A-.....	.....	(...)	(...)	(...)												
	A-.....	.....	(...)	(...)	(...)												
H														H			
G														G			
F	COLUMN NO. 1						COLUMN NO. 2								F		
	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS											
	22-03-202 I	A-4030-02A(102)	2	22-10-202 I	A-4030-02A(50 I)	2											
	22-03-203 I	A-4030-03A(102)	3	22-10-203 I	A-4030-03A(50 I)	3											
	22-03-204 I	A-4030-04A(102)	4	22-10-204 I	A-4030-04A(50 I)	4											
	22-03-205 I	A-4030-05A(102)	5	22-10-205 I	A-4030-05A(50 I)	5											
	22-03-206 I	A-4030-06A(102)	6	22-10-206 I	A-4030-06A(50 I)	6											
E	22-03-207 I	A-4030-07A(102)	7	22-10-207 I	A-4030-07A(50 I)	7											
	22-03-208 I	A-4030-08A(102)	8	22-10-208 I	A-4030-08A(50 I)	8											
	22-03-209 I	A-4030-09A(102)	9	22-10-209 I	A-4030-09A(50 I)	9											
	22-03-210 I	A-4030-10A(102)	10	22-10-210 I	A-4030-10A(50 I)	10											
	22-03-211 I	A-4030-11A(102)	11	22-10-211 I	A-4030-11A(50 I)	11											
	22-03-212 I	A-4030-12A(102)	12	22-10-212 I	A-4030-12A(50 I)	12											
	22-03-213 I	A-4030-13A(102)	13	22-10-213 I	A-4030-13A(50 I)	13											
D	22-03-214 I	A-4030-14A(102)	14	22-10-214 I	A-4030-14A(50 I)	14											
	22-03-215 I	A-4030-15A(102)	15	22-10-215 I	A-4030-15A(50 I)	15											
	22-03-216 I	A-4030-16A(102)	16	22-10-216 I	A-4030-16A(50 I)	16											
	22-03-217 I	A-4030-17A(102)	17	22-10-217 I	A-4030-17A(50 I)	17											
	22-03-218 I	A-4030-18A(102)	18	22-10-218 I	A-4030-18A(50 I)	18											
	22-03-219 I	A-4030-19A(102)	19	22-10-219 I	A-4030-19A(50 I)	19											
C	22-03-220 I	A-4030-20A(102)	20	22-10-220 I	A-4030-20A(50 I)	20											
	22-03-221 I	A-4030-21A(102)	21	22-10-221 I	A-4030-21A(50 I)	21											
	22-03-222 I	A-4030-22A(102)	22	22-10-222 I	A-4030-22A(50 I)	22											
	22-03-223 I	A-4030-23A(102)	23	22-10-223 I	A-4030-23A(50 I)	23											
	22-03-224 I	A-4030-24A(102)	24	22-10-224 I	A-4030-24A(50 I)	24											
	22-03-225 I	A-4030-25A(102)	25	22-10-225 I	A-4030-25A(50 I)	25											
	22-03-226 I	A-4030-26A(102)	26	22-10-226 I	A-4030-26A(50 I)	26											
B	22-03-227 I	A-4030-27A(102)	27	22-10-227 I	A-4030-27A(50 I)	27											
	22-03-228 I	A-4030-28A(102)	28	22-10-228 I	A-4030-28A(50 I)	28											
A							---	SEE SHEET 1	---	SEE SHEET 1	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°				▽ = 0 ▼ = 0	REVISE ONLY ON CAD SYSTEM	A
							---	SEE SHEET 1	---	SEE SHEET 1	TITLE ----- FLAT HEADER ASSY -----						
							---	SEE SHEET 1	---	SEE SHEET 1	3 PLACE ±						
							---	SEE SHEET 1	---	SEE SHEET 1	2 PLACE ±						
							---	SEE SHEET 1	---	SEE SHEET 1	1 PLACE ±						
							---	SEE SHEET 1	---	SEE SHEET 1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
							---	SEE SHEET 1	---	SEE SHEET 1	DRWG. NO. PART NO. SD A-4030						
							LTR.	REVISIONS	LTR.	REVISIONS	DRAWN BY: SAMIEC APP'D BY: LENZ				FILE NAME: S4030X2	DATE: 7/15/93	SCALE: 1:1
											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				DIV. C	STATE C	
	13	12	11	10	9	8	7	6	5	4	3	2	1				

STANDARD PRODUCT

4030