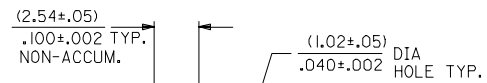
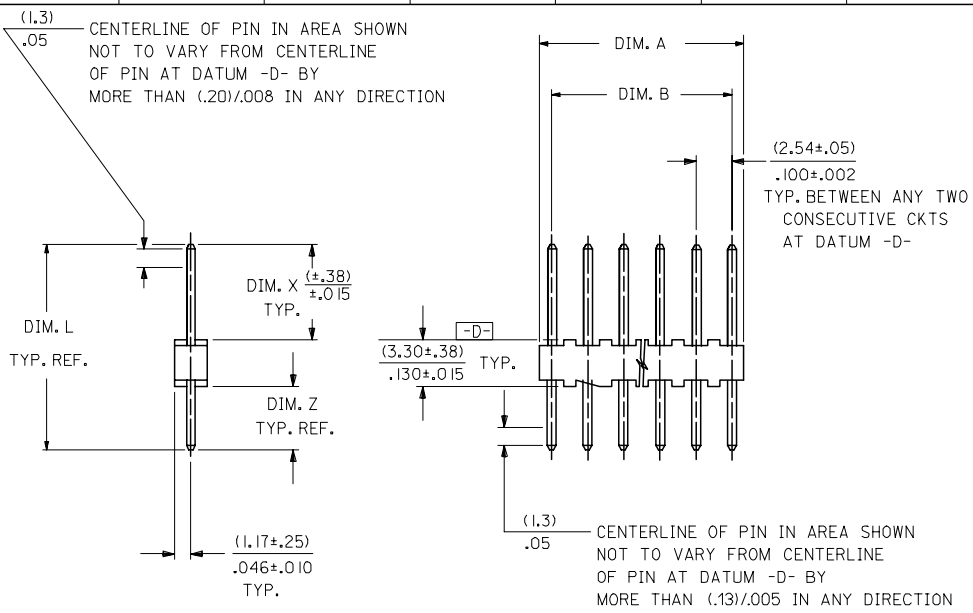


13 12 11 10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH: 102: 0.00508/0.00200 MIN TIN OVER 0.00254/0.00100 MIN COPPER
501: 0.00051/0.00020 MIN GOLD OVER 0.00076/0.00030 MIN NICKEL
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. BULK PACK PER PK-4030-001.
5. PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SMES-152.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
8. SEE SDA-4030-002 FOR CUSTOMER DEFINED OPTIONS.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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

2 CH2
1 CH2
SHI REV.

UPDATE NOTES EC NO: UCP2008-0017 DRAWN: ADERR 2007/10/11 CHKD: LSCHMI DT 2007/10/11 APPR: FSM TH 2007/10/12	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DRAWN BY SAMIEC DATE 1988/06/10 CHECKED BY PATEL DATE 1988/06/10 APPROVED BY LENZ DATE 1988/06/10	SEE CHART MATERIAL NO. DOCUMENT NO.		TITLE KK HEADER (2.54)/.100 CENTERS STD CATALOG PRODUCTS		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE 		MOLEX MOLEX INCORPORATED		SDA-4030		SHEET NO. 1 OF 2

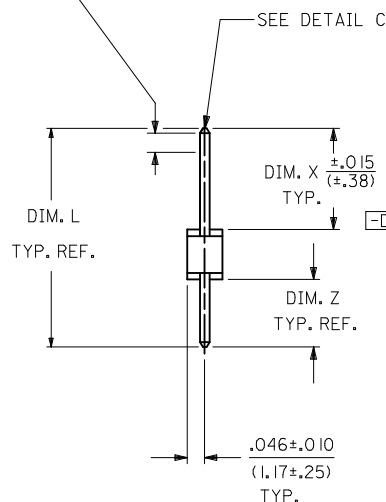
12 11 10 9 8 7 6 5 4 3 2 1

13	12	11	10	9	8	7	6	5	4	3	2	1
ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	PACKAGE PER	EDP NO. IN COL NO						
A-4030 -NA(102)	2766 -I(102)	.560 (14.22)	.295 (7.49)	.135 (3.43)	PK-4030-001 BULK	1						
A-4030 -NA(50 I)	2766 -I(50 I)	.560 (14.22)	.295 (7.49)	.135 (3.43)	PK-4030-001 BULK	2						
A- -	-	()	()	()								
A- -	-	()	()	()								
A- -	-	()	()	()								
A- -	-	()	()	()								

COLUMN NO. 1						COLUMN NO. 2					
EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	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						
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						
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						
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						
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						

UPDATE TITLE BLOCK EC NO: UCP2008-0017 2007/10/11 DRW:ADERR CHKD:LSCHMIDT APPR:FSMITH 2007/10/11 2007/10/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION											
		<table border="1"> <tr><td>mm</td><td>INCH</td></tr> <tr><td>4 PLACES ± --- ± ---</td><td>± --- ± ---</td></tr> <tr><td>3 PLACES ± --- ± ---</td><td>± --- ± ---</td></tr> <tr><td>2 PLACES ± --- ± ---</td><td>± --- ± ---</td></tr> <tr><td>1 PLACE ± --- ± ---</td><td>± --- ± ---</td></tr> </table>	mm	INCH	4 PLACES ± --- ± ---	± --- ± ---	3 PLACES ± --- ± ---	± --- ± ---	2 PLACES ± --- ± ---	± --- ± ---	1 PLACE ± --- ± ---	± --- ± ---	DRAWN BY SAMIEC	DATE 1993/07/15	TITLE KK HEADER (2.54)/.100 CENTERS STD CATALOG PRODUCTS		
	mm	INCH															
	4 PLACES ± --- ± ---	± --- ± ---															
3 PLACES ± --- ± ---	± --- ± ---																
2 PLACES ± --- ± ---	± --- ± ---																
1 PLACE ± --- ± ---	± --- ± ---																
	ANGULAR ±1/2°	CHECKED BY PATEL	DATE 1993/07/15	MOLEX INCORPORATED													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY LENZ	DATE 1993/07/15	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4030	SHEET NO. 2 OF 2											

.05
(1.3)
CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -D- BY
MORE THAN .008/(.20) IN ANY DIRECTION

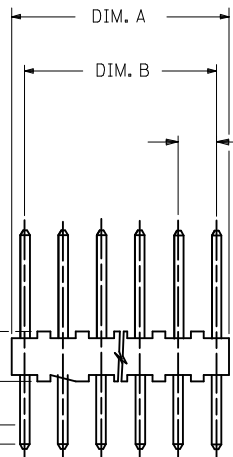


DIM. X
TYP.
±.015
(±.38)

DIM. L
TYP. REF.

DIM. Z
TYP. REF.

.046±.010
(1.17±.25)
TYP.

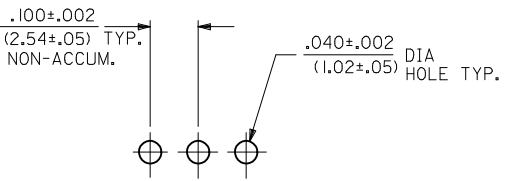


.100±.002
(2.54±.05)
TYP. BETWEEN ANY TWO
CONSECUTIVE CKTS
AT DATUM -D-

-D-

.130±.015
(3.30±.38)
TYP.

.05
(1.3)
CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -D- BY
MORE THAN .005/(.13) IN ANY DIRECTION



PCB LAYOUT: COMPONENT SIDE
TYPICAL PCB THICKNESS: .062/(1.57)

A-4030-N * (* *)
NO. OF CKTS.
VERSION
LETTER CHANGES WHEN PIN
NO. OR PRESS DIM. CHANGES.
PLATING CODE
SEE NOTE 2

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001
A	TUBE PER PK-44743-002

NOTES:

- MATERIAL: WAFER: NYLON, UL94V-0, COLOR: WHITE
PINS: COPPER ALLOY
- FINISH: 102: .000200/0.00508 MIN TIN OVER .000100/0.00254 MIN COPPER
132: .000200/0.00508 MIN TIN OVER .000200/0.00508 MIN COPPER
501: .000020/0.00051 MIN GOLD OVER .000030/0.00076 MIN NICKEL
503: .000030/0.00076 MIN GOLD OVER .000050/0.00127 MIN NICKEL
516: .000010/0.00025 MIN GOLD OVER .000030/0.00076 MIN NICKEL
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING INFORMATION: SEE LEGEND
- PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SMES-152.
- PIN PUSH OUT FORCE: 2 LBS. MIN.
- PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON .100/(2.54) CENTERS.
- SEE SDA-4030 FOR STANDARD CATALOG PRODUCTS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CKTS. NO. OF	DIM. B	DIM. A
2	.100 ± .002 (2.54 ± .05)	.190 ± .008 (4.83 ± .20)
3	.200 ± .005 (5.08 ± .13)	.290 ± .008 (7.37 ± .20)
4	.300 ± .005 (7.62 ± .13)	.390 ± .008 (9.91 ± .20)
5	.400 ± .005 (10.16 ± .13)	.490 ± .008 (12.45 ± .20)
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21	2.000 ± .010 (50.80 ± .25)	2.090 ± .013 (53.09 ± .33)
22	2.100 ± .010 (53.34 ± .25)	2.190 ± .013 (55.63 ± .33)
23	2.200 ± .010 (55.88 ± .25)	2.290 ± .013 (58.17 ± .33)
24	2.300 ± .010 (58.42 ± .25)	2.390 ± .013 (60.71 ± .33)
25	2.400 ± .011 (60.96 ± .28)	2.490 ± .014 (63.25 ± .36)
26	2.500 ± .011 (63.50 ± .28)	2.590 ± .014 (65.79 ± .36)
27	2.600 ± .011 (66.04 ± .28)	2.690 ± .014 (68.33 ± .36)
28	2.700 ± .011 (68.58 ± .28)	2.790 ± .014 (70.87 ± .36)

ADD 22-03-5097 EC NO: UCP2010-0086 DRWN:KIPPER 2009/08/12 CHKD:SSOUSEK 2009/08/25 APPR:FSMITH 2009/08/26 REV C14	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION										
		<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± ---</td></tr> <tr><td>2 PLACES ± ---</td><td>± ---</td></tr> <tr><td>1 PLACE ± ---</td><td>± ---</td></tr> </table>		mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± ---	2 PLACES ± ---	± ---	1 PLACE ± ---	± ---	DRAWN BY SAMIEC	DATE 06/10/88	TITLE KK 100 HEADER FLAT CUSTOM PRODUCTS	
		mm	INCH														
		4 PLACES ± ---	± ---														
3 PLACES ± ---	± ---																
2 PLACES ± ---	± ---																
1 PLACE ± ---	± ---																
ANGULAR ±1/2°		CHECKED BY PATEL	DATE 06/10/88	APPROVED BY LENZ		DATE 06/10/88	MOLEX INCORPORATED SDA-4030-002										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 16											

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