



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

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)
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)

- 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.

ADD 22-03-5117 EC NO: UCP2010-0896 DRWN:KIPPER 2009/10/16 CHKD:SSOUSEK 2009/10/20 APPR:FSMITH 2009/10/20 REV: C15	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td>± ---</td></tr> </table>	mm		INCH		4 PLACES	± ---	± ---	± ---	3 PLACES	± ---	± ---	± ---	2 PLACES	± ---	± ---	± ---	1 PLACE	± ---	± ---	± ---	DIMENSION STYLE IN/MM	SCALE --- INCH	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	mm		INCH																							
	4 PLACES	± ---	± ---	± ---																						
	3 PLACES	± ---	± ---	± ---																						
2 PLACES	± ---	± ---	± ---																							
1 PLACE	± ---	± ---	± ---																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MOLEX INCORPORATED	KK 100 HEADER FLAT CUSTOM PRODUCTS	MOLEX INCORPORATED	SDA-4030-002	SHEET NO. 1 OF 16																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										
MATERIAL NO. DOCUMENT NO.																										

	13	12	11	10	9	8	7	6	5	4	3	2	1
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	PACKAGING PER	EDP COL.						
	A-4030 -NBJ(50 I)	2766 -3(50 I)	.687 (17.45)	.295 (7.49)	.262 (6.65)	BULK: PK-4030-001	1						
	A-4030 -NFS(102)	2766 -53(102)	.821 (20.85)	.520 (13.2 I)	.171 (4.34)	BULK: PK-4030-001	2						
I	A-4030 -NFW(102)	4166 -74(102)	1.230 (31.24)	.400 (10.16)	.700 (17.78)	BULK: PK-4030-001	3						
	A-4030 -NF(102)	2766 -8(102)	.842 (21.39)	.560 (14.22)	.152 (3.86)	BULK: PK-4030-001	4						
	A-4030 -NF(50 I)	2766 -8(50 I)	.842 (21.39)	.560 (14.22)	.152 (3.86)	BULK: PK-4030-001	5						
	A-4030 -NGG(102)	4166 -43(102)	1.500 (38.10)	1.370 (34.80)	.000 (.00)	BULK: PK-4030-001	6						

	COLUMN NO. 1			COLUMN NO. 2			COLUMN NO. 3			COLUMN NO. 4			COLUMN NO. 5			COLUMN NO. 6		
	EDP NO.	ENG. NO.	CKT	EDP NO.	ENG. NO.	CKT	EDP NO.	ENG. NO.	CKT	EDP NO.	ENG. NO.	CKT	EDP NO.	ENG. NO.	CKT	EDP NO.	ENG. NO.	CKT
	A-4030-02BJ(50 I)		2	A-4030-02FS(102)		2	A-4030-02FW(102)		2	22-03-2026	A-4030-02F(102)	2	22-10-2024	A-4030-02F(50 I)	2		A-4030-02GG(102)	2
	A-4030-03BJ(50 I)		3	A-4030-03FS(102)		3	A-4030-03FW(102)		3	22-03-2036	A-4030-03F(102)	3	22-10-2034	A-4030-03F(50 I)	3	22-03-7038	A-4030-03GG(102)	3
	A-4030-04BJ(50 I)		4	A-4030-04FS(102)		4	A-4030-04FW(102)		4	22-03-2046	A-4030-04F(102)	4	22-10-2044	A-4030-04F(50 I)	4		A-4030-04GG(102)	4
	A-4030-05BJ(50 I)		5	A-4030-05FS(102)		5	A-4030-05FW(102)		5	22-03-2056	A-4030-05F(102)	5	22-10-2054	A-4030-05F(50 I)	5		A-4030-05GG(102)	5
	A-4030-06BJ(50 I)		6	A-4030-06FS(102)		6	A-4030-06FW(102)		6	22-03-2066	A-4030-06F(102)	6	22-10-2064	A-4030-06F(50 I)	6		A-4030-06GG(102)	6
	A-4030-07BJ(50 I)		7	A-4030-07FS(102)		7	A-4030-07FW(102)		7	22-03-2076	A-4030-07F(102)	7	22-10-2074	A-4030-07F(50 I)	7		A-4030-07GG(102)	7
F	22-10-4087	A-4030-08BJ(50 I)	8	A-4030-08FS(102)		8	A-4030-08FW(102)		8	22-03-2086	A-4030-08F(102)	8	22-10-2084	A-4030-08F(50 I)	8		A-4030-08GG(102)	8
		A-4030-09BJ(50 I)	9	A-4030-09FS(102)		9	A-4030-09FW(102)		9	22-03-2096	A-4030-09F(102)	9	22-10-2094	A-4030-09F(50 I)	9		A-4030-09GG(102)	9
		A-4030-10BJ(50 I)	10	A-4030-10FS(102)		10	A-4030-10FW(102)		10	22-03-2106	A-4030-10F(102)	10	22-10-2104	A-4030-10F(50 I)	10		A-4030-10GG(102)	10
		A-4030-11BJ(50 I)	11	A-4030-11FS(102)		11	A-4030-11FW(102)		11	22-03-2116	A-4030-11F(102)	11	22-10-2114	A-4030-11F(50 I)	11		A-4030-11GG(102)	11
		A-4030-12BJ(50 I)	12	A-4030-12FS(102)		12	A-4030-12FW(102)		12	22-03-2126	A-4030-12F(102)	12	22-10-2124	A-4030-12F(50 I)	12		A-4030-12GG(102)	12
		A-4030-13BJ(50 I)	13	A-4030-13FS(102)		13	A-4030-13FW(102)		13	22-03-2136	A-4030-13F(102)	13	22-10-2134	A-4030-13F(50 I)	13		A-4030-13GG(102)	13
E		A-4030-14BJ(50 I)	14	A-4030-14FS(102)		14	A-4030-14FW(102)		14	22-03-2146	A-4030-14F(102)	14	22-10-2144	A-4030-14F(50 I)	14		A-4030-14GG(102)	14
		A-4030-15BJ(50 I)	15	A-4030-15FS(102)		15	A-4030-15FW(102)		15	22-03-2156	A-4030-15F(102)	15	22-10-2154	A-4030-15F(50 I)	15		A-4030-15GG(102)	15
		A-4030-16BJ(50 I)	16	A-4030-16FS(102)		16	A-4030-16FW(102)		16	22-03-2166	A-4030-16F(102)	16	22-10-2164	A-4030-16F(50 I)	16		A-4030-16GG(102)	16
		A-4030-17BJ(50 I)	17	A-4030-17FS(102)		17	A-4030-17FW(102)		17	22-03-2176	A-4030-17F(102)	17	22-10-2174	A-4030-17F(50 I)	17		A-4030-17GG(102)	17
		A-4030-18BJ(50 I)	18	A-4030-18FS(102)		18	A-4030-18FW(102)		18	22-03-2186	A-4030-18F(102)	18	22-10-2184	A-4030-18F(50 I)	18		A-4030-18GG(102)	18
		A-4030-19BJ(50 I)	19	A-4030-19FS(102)		19	A-4030-19FW(102)		19	22-03-2196	A-4030-19F(102)	19	22-10-2194	A-4030-19F(50 I)	19		A-4030-19GG(102)	19
D		A-4030-20BJ(50 I)	20	A-4030-20FS(102)		20	A-4030-20FW(102)		20	22-03-2206	A-4030-20F(102)	20	22-10-2204	A-4030-20F(50 I)	20		A-4030-20GG(102)	20
		A-4030-21BJ(50 I)	21	A-4030-21FS(102)		21	A-4030-21FW(102)		21	22-03-2216	A-4030-21F(102)	21	22-10-2214	A-4030-21F(50 I)	21		A-4030-21GG(102)	21
		A-4030-22BJ(50 I)	22	A-4030-22FS(102)		22	A-4030-22FW(102)		22	22-03-2226	A-4030-22F(102)	22	22-10-2224	A-4030-22F(50 I)	22		A-4030-22GG(102)	22
		A-4030-23BJ(50 I)	23	A-4030-23FS(102)		23	A-4030-23FW(102)		23	22-03-2236	A-4030-23F(102)	23	22-10-2234	A-4030-23F(50 I)	23		A-4030-23GG(102)	23
		A-4030-24BJ(50 I)	24	A-4030-24FS(102)		24	A-4030-24FW(102)		24	22-03-2246	A-4030-24F(102)	24	22-10-2244	A-4030-24F(50 I)	24		A-4030-24GG(102)	24
		A-4030-25BJ(50 I)	25	A-4030-25FS(102)		25	A-4030-25FW(102)		25	22-03-2256	A-4030-25F(102)	25	22-10-2254	A-4030-25F(50 I)	25		A-4030-25GG(102)	25
		A-4030-26BJ(50 I)	26	A-4030-26FS(102)		26	A-4030-26FW(102)		26	22-03-2266	A-4030-26F(102)	26	22-10-2264	A-4030-26F(50 I)	26		A-4030-26GG(102)	26
C		A-4030-27BJ(50 I)	27	A-4030-27FS(102)		27	A-4030-27FW(102)		27	22-03-2276	A-4030-27F(102)	27	22-10-2274	A-4030-27F(50 I)	27		A-4030-27GG(102)	27
		A-4030-28BJ(50 I)	28	A-4030-28FS(102)		28	A-4030-28FW(102)		28	22-03-2286	A-4030-28F(102)	28	22-10-2284	A-4030-28F(50 I)	28		A-4030-28GG(102)	28

CHANGED PKG SPEC EC NO: UCP2005-1903 DRW:ADRATNOL 2005/03/11 CHKD:SAMI EC 2005/03/15 APPR:YMARJULLI 2005/03/23 REV DESCRIPTION	QUALITY SYMBOLS 	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>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0004</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .005	± .0004	2 PLACES	± .005	± .0004	1 PLACE	± .005	± .0004	DIMENSION STYLE MM/IN DRAWN BY SAMIEC DATE 07/15/93 CHECKED BY DATE PATEL 07/15/93 APPROVED BY DATE LENZ 07/15/93	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION
		mm	INCH																
	4 PLACES	± .005	± .0004																
	3 PLACES	± .005	± .0004																
2 PLACES	± .005	± .0004																	
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