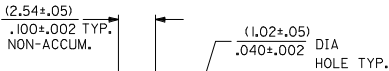
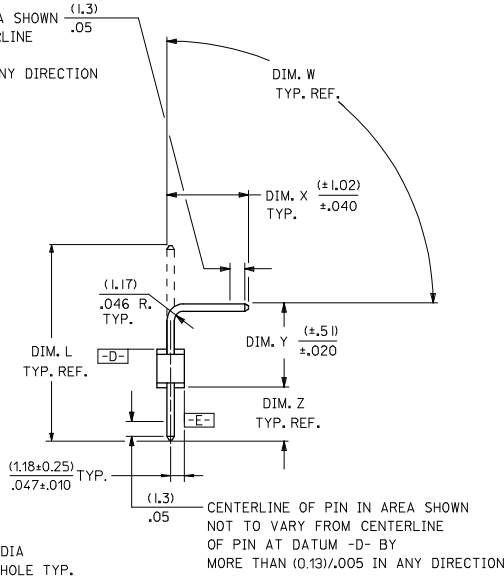
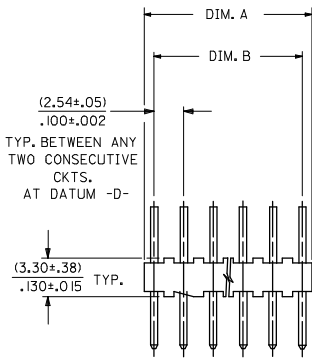


13 12 11 10 9 8 7 6 5 4 3 2 1

CENTERLINE OF PIN IN AREA SHOWN  
NOT TO VARY FROM CENTERLINE  
OF PIN AT DATUM -E- BY  
MORE THAN (0.20)/.008 IN ANY DIRECTION



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

NOTES:

- MATERIAL: NYLON, UL 94V-0, COLOR WHITE
- FINISH:
  - (102) OVERALL TIN: 0.00508/0.00200 MIN. OVER COPPER UNDERPLATE: 0.00254/0.00100 MIN.
  - (103) OVERALL TIN: 0.00508/0.00200 MIN. OVER COPPER UNDERPLATE: 0.00127/0.00050 MIN.
  - (501) OVERALL GOLD: 0.00051/0.00020 MIN. OVER NICKEL UNDERPLATE: 0.00076/0.00030 MIN.
  - (503) OVERALL GOLD: 0.00076/0.00030 MIN. OVER NICKEL UNDERPLATE: 0.00127/0.00050 MIN.
  - (508) OVERALL GOLD: 0.00076/0.00030 MIN. OVER NICKEL UNDERPLATE: 0.00076/0.00030 MIN.
  - (516) OVERALL GOLD: 0.00025/0.00010 MIN. OVER NICKEL UNDERPLATE: 0.00076/0.00030 MIN.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING INFORMATION: SEE LEGEND.
- PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SMES-152.
- PIN PUSHOUT FORCE: 2 LBS. MIN.
- PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/100 CENTERS.
- THE PRIMARY SHIPPING CARTON WILL BE LABELED, "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
- PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

A-4094-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-4094-001	
A	PK-40873-0020		

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 )

14	AD1
13	AD1
12	AD1
11	AD1
10	AD1
9	AD1
8	AD1
7	AD1
6	AD1
5	AD1
4	AD1
3	AD1
2	AD1
1	AD3
SHEET	REV.

ADD 1:18 DIMENSION EC NO: UCP2009-0323 DRAWING: GERRILL 2008/08/22 CHK: CHOKR PPR 2008/08/26 APPR: ESMITH 2008/08/27 AD3	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED):	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±---	MM/IN	---	INCH	☉
		3 PLACES ±--- ±.005	DRAWN BY	DATE	TITLE	
		2 PLACES ±0.13 ±.01	KSS	1984/09/10	WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING	
1 PLACE ±0.25 ±---	NP	1984/09/10				
ANGULAR ±1/2°	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	KJA	1984/09/10	SEE CHART	SDA-4094	1 OF 14	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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						
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. T		ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. T	J	
	A-4094-NDH102	4166-1K(102)	(14.22) .560	SEE SHT. 12															
	A-4094-NA503	2766-3(503)	(17.45) .687	(9.30) .366	(3.15) .124	(6.30) .248	90°												
I	A-4094-NDJ102	4166-38(102)	(27.00) 1.063	(19.05) .750	(2.92) .115	(6.30) .248	90°												I
	A-4094-NDK102	2766-39(102)	(12.70) .500	(4.17) .164	(3.53) .139	(6.30) .248	90°												
	A-4094-NCR102	2766-73(102)	(22.71) .894	(13.92) .548	(3.48) .137	(6.60) .260	90°												
H	A-4094-NDL102	4166-30(102)	(30.48) 1.200	(20.65) .813	(2.41) .095	(8.71) .343	90°												H
	A-4094-NA516	2766-3(516)	(17.45) .687	(9.30) .366	(3.15) .124	(6.30) .248	90°												
	A-4094-NDM102	4166-77(102)	(36.50) 1.437	(20.50) .807	(12.14) .478	(5.13) .202	90°												
G	A-4094-NDN501	2766-28(501)	(15.88) .625	(9.30) .366	(3.20) .126	(4.45) .175	90°	SEE SHT. 14											G
	A-4094-NDP102	2766-8(102)	(21.39) .842	(9.09) .358	(6.91) .272	(6.68) .263	90°												
	A-4094-NDR102	2766-58(102)	(11.43) .450	(3.20) .126	(3.20) .126	(6.30) .248	90°												
F	A-4094-NDS102	4166-8(102)	(25.40) 1.000	(17.00) .669	(3.38) .133	(6.30) .248	90°												F
	A-4094-NRH501	2766-53(501)	(20.85) .821	(4.95) .195	(7.49) .295	(9.70) .382	90°												
E																			E
D																			D
C																			C

ADD A-4094-NRH501  
EC NO. UCP2005-2329  
DRAWN BY 2005/07/26  
CHKD BY 2005/07/27  
APPR. SMITH 2005/07/27

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.005	±.0005
3 PLACES	±.013	±.001
2 PLACES	±0.25	±.01
1 PLACE	±0.25	±.01

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM/IN

DRAWN BY	DATE
SAMIEC	1986/08/01
CHECKED BY	DATE
PATEL	1986/08/01
APPROVED BY	DATE
LENZ	1986/08/01

MATERIAL NO. SEE CHART

SCALE --- INCH

DESIGN UNITS INCH

THIRD ANGLE PROJECTION

TITLE  
WAFER ASSY FLAT MINI KK  
(4030 WITH BENT PINS)  
4094 SERIES DRAWING

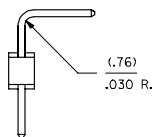
MOLEX INCORPORATED

DOCUMENT NO. SDA-4094

SHEET NO. 3 OF 14

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	
	A-4094-NDN50 I				A-4094-NDP I02		A-4094-NDR I02		A-4094-NDS I02		A-4094-NRH501			
J	PART NO.	ENG. NO.			PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.		J
		A-4094-2DN50 I				A-4094-2DP I02		A-4094-2DR I02	22-06-3021	A-4094-02DS I02			A-4094-02RH501	
		A-4094-3DN50 I				A-4094-3DP I02		A-4094-3DR I02	22-06-3031	A-4094-03DS I02		22-06-4031	A-4094-03RH501	
		A-4094-4DN50 I				A-4094-4DP I02		A-4094-4DR I02	22-06-3041	A-4094-04DS I02			A-4094-04RH501	
I	22-12-4053	A-4094-5DN50 I				A-4094-5DP I02		A-4094-5DR I02	22-06-3051	A-4094-05DS I02			A-4094-05RH501	
		A-4094-6DN50 I				A-4094-6DP I02		A-4094-6DR I02	22-06-3061	A-4094-06DS I02			A-4094-06RH501	
		A-4094-7DN50 I				A-4094-7DP I02		A-4094-7DR I02	22-06-3071	A-4094-07DS I02			A-4094-07RH501	
		A-4094-8DN50 I				A-4094-8DP I02		A-4094-8DR I02	22-06-3081	A-4094-08DS I02			A-4094-08RH501	
		A-4094-9DN50 I				A-4094-9DP I02		A-4094-9DR I02	22-06-3091	A-4094-09DS I02			A-4094-09RH501	
H	22-12-4103	A-4094-10DN50 I			22-05-7100	A-4094-10DP I02		A-4094-10DR I02	22-06-3101	A-4094-10DS I02			A-4094-10RH501	
		A-4094-11DN50 I				A-4094-11DP I02		A-4094-11DR I02	22-06-3111	A-4094-11DS I02			A-4094-11RH501	
		A-4094-12DN50 I				A-4094-12DP I02		A-4094-12DR I02	22-06-3121	A-4094-12DS I02			A-4094-12RH501	
		A-4094-13DN50 I				A-4094-13DP I02		A-4094-13DR I02	22-06-3131	A-4094-13DS I02			A-4094-13RH501	
		A-4094-14DN50 I				A-4094-14DP I02		A-4094-14DR I02	22-06-3141	A-4094-14DS I02			A-4094-14RH501	
G		A-4094-15DN50 I				A-4094-15DP I02		A-4094-15DR I02	22-06-3151	A-4094-15DS I02			A-4094-15RH501	
		A-4094-16DN50 I				A-4094-16DP I02		A-4094-16DR I02	22-06-3161	A-4094-16DS I02			A-4094-16RH501	
		A-4094-17DN50 I				A-4094-17DP I02		A-4094-17DR I02	22-06-3171	A-4094-17DS I02			A-4094-17RH501	
		A-4094-18DN50 I				A-4094-18DP I02		A-4094-18DR I02	22-06-3181	A-4094-18DS I02			A-4094-18RH501	
		A-4094-19DN50 I				A-4094-19DP I02		A-4094-19DR I02	22-06-3191	A-4094-19DS I02			A-4094-19RH501	
		A-4094-20DN50 I				A-4094-20DP I02		A-4094-20DR I02	22-06-3201	A-4094-20DS I02			A-4094-20RH501	
F		A-4094-21DN50 I				A-4094-21DP I02		A-4094-21DR I02	22-06-3211	A-4094-21DS I02			A-4094-21RH501	
		A-4094-22DN50 I				A-4094-22DP I02		A-4094-22DR I02	22-06-3221	A-4094-22DS I02			A-4094-22RH501	
		A-4094-23DN50 I				A-4094-23DP I02		A-4094-23DR I02	22-06-3231	A-4094-23DS I02			A-4094-23RH501	
		A-4094-24DN50 I				A-4094-24DP I02		A-4094-24DR I02	22-06-3241	A-4094-24DS I02			A-4094-24RH501	
		A-4094-25DN50 I				A-4094-25DP I02		A-4094-25DR I02	22-06-3251	A-4094-25DS I02			A-4094-25RH501	
		A-4094-26DN50 I				A-4094-26DP I02		A-4094-26DR I02	22-06-3261	A-4094-26DS I02			A-4094-26RH501	
E		A-4094-27DN50 I				A-4094-27DP I02		A-4094-27DR I02	22-06-3271	A-4094-27DS I02			A-4094-27RH501	
		A-4094-28DN50 I				A-4094-28DP I02		A-4094-28DR I02	22-06-3281	A-4094-28DS I02			A-4094-28RH501	



ADD 22-06-4031 EC NO. UCP2005-2329 DRAWN BY 2005/07/26 CHECKED BY 2005/07/27 APPROVED BY 2005/07/27 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	MM/IN	---	INCH	DRAWN BY SUZIK DATE 1988/06/02 CHECKED BY DATE 1988/06/02 APPROVED BY LENZ DATE 1988/06/02
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4094	SHEET NO. 14 OF 14	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

tb\_frame\_C\_P\_ME\_T  
Rev. D 2004/04/02