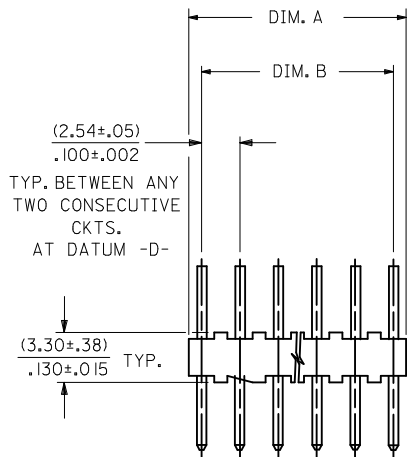


CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN (0.20)/.008 IN ANY DIRECTION

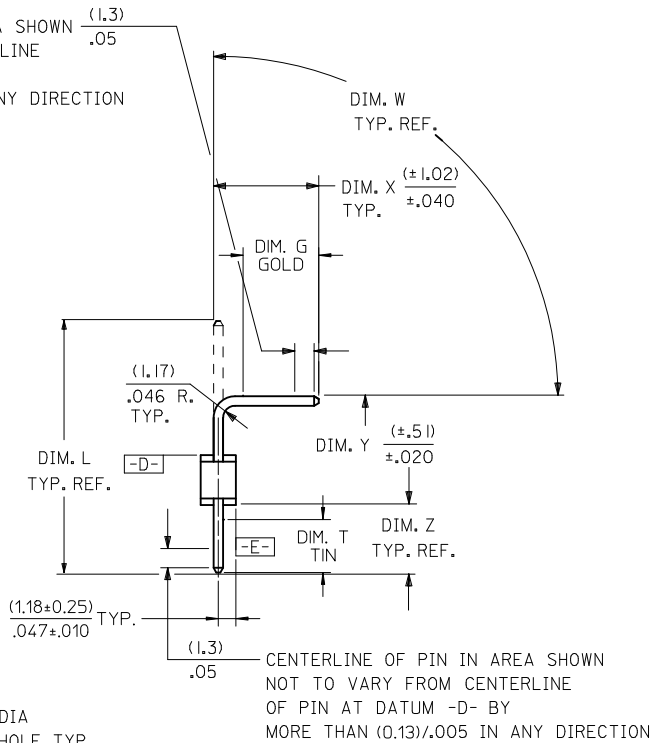


(2.54±.05) / .100±.002 TYP.
NON-ACCUM.
(1.02±.05) / .040±.002 DIA
HOLE TYP.

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

NOTES:

1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
2. FINISH:
 - (241) SELECT GOLD: 0.00051/.000020 MIN.
 - SELECT TIN: 0.00254/.000100 MIN.
 - OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
 - OVER 0.00127/.000050 MIN. NICKEL OVERALL.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SMES-152.
6. PIN PUSHOUT FORCE: 2 LBS. MIN.
7. PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
8. 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

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)

3	AE
2	AE
1	AE
SHEET	REV.

CHANGE PLATING EC NO: UCP2012-1821 2012/01/20 DRWN:MS TROH CHKD:MKIPPER 2012/01/23 APPR:FSMITH 2012/02/02	DESCRIPTION	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY KSS	DATE 1984/09/10	TITLE WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING		
			4 PLACES ± ---	± ---	CHECKED BY NP	DATE 1984/09/10	MOLEX INCORPORATED		
			3 PLACES ± ---	± .005	APPROVED BY KJA	DATE 1984/09/10	DOCUMENT NO. SDA-4094		
			2 PLACES ± 0.13	± .01	MATERIAL NO. SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		MOLEX INCORPORATED		SHEET NO. 1 OF 3			

	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. G	DIM. T							J
	A-4094-NA197	42663-0562	(17.53) .690	(9.37) .369	(3.15) .124	(6.30) .248	90°	N/A	OVERALL							
I	A-4094-NA241	42663-0563	(17.53) .690	(9.37) .369	(3.15) .124	(6.30) .248	90°	(5.08) .200	(3.43) .135							I
	A-4094-NAJ197	42663-0862	(21.34) .840	(10.13) .399	(4.09) .161	(8.41) .331	90°	N/A	OVERALL							
	A-4094-NAP197	42663-0562	(17.53) .690	(8.48) .334	(3.78) .149	(6.55) .258	90°	N/A	OVERALL							
	A-4094-NBT197	42663-0182	(12.70) .500	(6.38) .251	(2.79) .110	(4.78) .188	90°	N/A	OVERALL							
H	A-4094-NDS197	42663-1182	(25.40) 1.000	(17.00) .669	(3.38) .133	(6.30) .248	90°	N/A	OVERALL							H
G															G	
F															F	
E															E	
D															D	
C															C	
B															B	
A															A	
1b_frame_C_P_ME_T Rev. F 2009/06/18																

SEE SHEET 1 EC NO: UCP2012-1821 DRAWN:MMSTROH 2012/01/20 CHKD:HKIPPER 2012/01/23 APPR:FSMITH 2012/02/02	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		 	mm INCH		MM/IN		---	INCH			
			4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING			
			3 PLACES	± ---	± .005	CHECKED BY	DATE				
			2 PLACES	± 0.13	± .01	NP	1984/09/10				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
		ANGULAR ± 1/2°		KJA		1984/09/10	MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO.		SDA-4094		SHEET NO. 2 OF 3	
		SIZE		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																																																															
J	A-4094-NA197		A-4094-NA241		A-4094-NAJ197		A-4094-NAP197		A-4094-NBT197		A-4094-NDS197		J																																																															
	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.																																																																
	22-05-202I	A-4094-2A197	22-I2-202I	A-4094-2A 241		A-4094-2AJ197	22-05-3022	A-4094-2AP197	22-05-3020	A-4094-2BT197	22-06-302I	A-4094-02DS197																																																																
	22-05-203I	A-4094-3A197	22-I2-203I	A-4094-3A 241	22-05-3038	A-4094-3AJ197	22-05-3032	A-4094-3AP197	22-05-3030	A-4094-3BT197	22-06-303I	A-4094-03DS197																																																																
	22-05-204I	A-4094-4A197	22-I2-204I	A-4094-4A 241	22-05-3048	A-4094-4AJ197	22-05-3042	A-4094-4AP197	22-05-3040	A-4094-4BT197	22-06-304I	A-4094-04DS197																																																																
	22-05-205I	A-4094-5A197	22-I2-205I	A-4094-5A 241	22-05-3058	A-4094-5AJ197	22-05-3052	A-4094-5AP197	22-05-3050	A-4094-5BT197	22-06-305I	A-4094-05DS197																																																																
I	22-05-206I	A-4094-6A197	22-I2-206I	A-4094-6A 241	22-05-3068	A-4094-6AJ197	22-05-3062	A-4094-6AP197	22-05-3060	A-4094-6BT197	22-06-306I	A-4094-06DS197	I																																																															
	22-05-207I	A-4094-7A197	22-I2-207I	A-4094-7A 241	22-05-3078	A-4094-7AJ197	22-05-3072	A-4094-7AP197	22-05-3070	A-4094-7BT197	22-06-307I	A-4094-07DS197																																																																
	22-05-208I	A-4094-8A197	22-I2-208I	A-4094-8A 241	22-05-3088	A-4094-8AJ197	22-05-3082	A-4094-8AP197	22-05-3080	A-4094-8BT197	22-06-308I	A-4094-08DS197																																																																
	22-05-209I	A-4094-9A197	22-I2-209I	A-4094-9A 241	22-05-3098	A-4094-9AJ197	22-05-3092	A-4094-9AP197	22-05-3090	A-4094-9BT197	22-06-309I	A-4094-09DS197																																																																
	22-05-210I	A-4094-10A197	22-I2-210I	A-4094-10A 241	22-05-3108	A-4094-10AJ197	22-05-3102	A-4094-10AP197	22-05-3100	A-4094-10BT197	22-06-310I	A-4094-10DS197																																																																
	22-05-211I	A-4094-11A 197	22-I2-211I	A-4094-11A 241	22-05-3118	A-4094-11AJ 197	22-05-3112	A-4094-11AP 197	22-05-3110	A-4094-11BT 197	22-06-311I	A-4094-11DS 197																																																																
H	22-05-212I	A-4094-12A197	22-I2-212I	A-4094-12A241	22-05-3128	A-4094-12AJ197	22-05-3122	A-4094-12AP197	22-05-3120	A-4094-12BT197	22-06-312I	A-4094-12DS 197	H																																																															
	22-05-213I	A-4094-13A197	22-I2-213I	A-4094-13A241	22-05-3138	A-4094-13AJ197	22-05-3132	A-4094-13AP197	22-05-3130	A-4094-13BT197	22-06-313I	A-4094-13DS 197																																																																
	22-05-214I	A-4094-14A197	22-I2-214I	A-4094-14A241	22-05-3148	A-4094-14AJ197	22-05-3142	A-4094-14AP197	22-05-3140	A-4094-14BT197	22-06-314I	A-4094-14DS 197																																																																
	22-05-215I	A-4094-15A197	22-I2-215I	A-4094-15A241	22-05-3158	A-4094-15AJ197	22-05-3152	A-4094-15AP197	22-05-3150	A-4094-15BT197	22-06-315I	A-4094-15DS 197																																																																
	22-05-216I	A-4094-16A197	22-I2-216I	A-4094-16A241	22-05-3168	A-4094-16AJ197	22-05-3162	A-4094-16AP197	22-05-3160	A-4094-16BT197	22-06-316I	A-4094-16DS 197																																																																
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