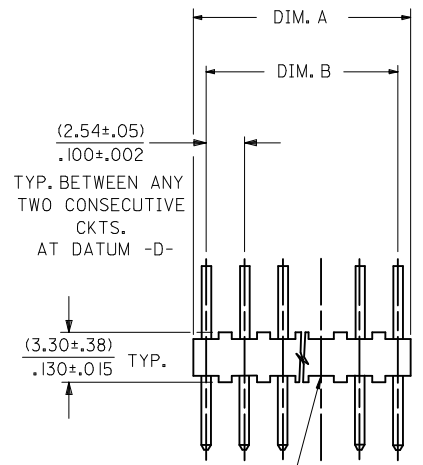
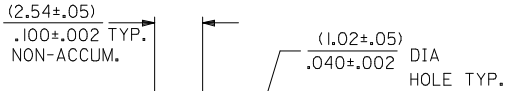


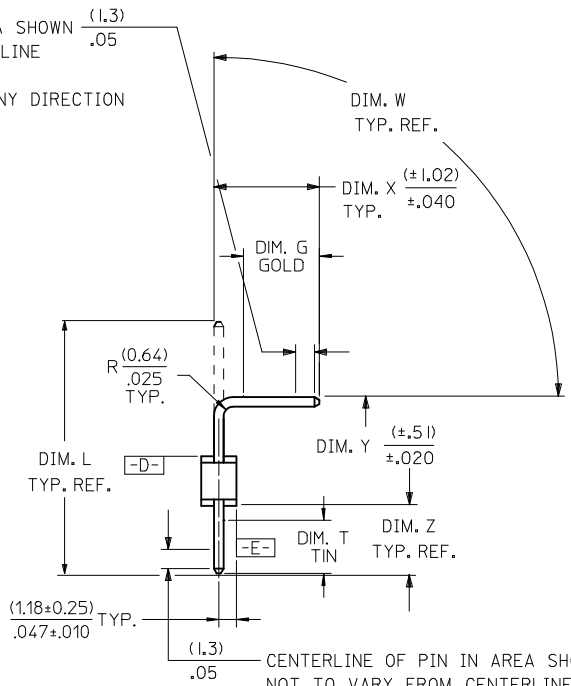
CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN (0.20)/.008 IN ANY DIRECTION



OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION



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



CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -D- BY
MORE THAN (0.13)/.005 IN ANY DIRECTION

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)

- NOTES:
1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
 2. FINISH:
 - (241) SELECT GOLD: 0.00051/0.00020 MIN. SELECT TIN: 0.00254/0.000100 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 SM5-152.
 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 NO. OR PRESS DIM. CHANGES.
 PLATING CODE * * *
 SEE NOTE 2

VOID CODE
 BLANK = NO VOIDS
 NO. = CIRCUIT NO. VOIDED
 MULTIPLE VOIDS START WITH 51

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4094-001

3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SM5-152.
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.

CORRECT BEND RAD.
 EC NO: UCP2016-1055
 DRW:MK/PPR 2015/09/08
 CHKD:JBELL 2015/09/08
 APPR:FSM/TH 2015/09/10

REV: AE2

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽=0	4 PLACES ± ---	± ---
▽=0	3 PLACES ± ---	± .005
▽=0	2 PLACES ± 0.13	± .01
▽=0	1 PLACE ± 0.25	± ---
▽=0	0 PLACE ± ---	± ---


ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		---	INCH	☉
DRAWN BY	DATE	TITLE		
KSS	1984/09/10	WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING		
CHECKED BY	DATE			
NP	1984/09/10			
APPROVED BY	DATE	DOCUMENT NO.		
FSMITH	2014/08/05	SDA-4094		
MATERIAL NO.		SHEET NO.		
SEE CHART		1 OF 3		

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
ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. G	DIM. T				
A-4094-NA197	42663-0562	(17.53) .690	(9.37) .369	(3.15) .124	(6.30) .248	90°	N/A	OVERALL				
A-4094-NA241	42663-0563	(17.53) .690	(9.37) .369	(3.15) .124	(6.30) .248	90°	(5.08) .200	(3.43) .135				
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				
A-4094-NDS197	42663-1182	(25.40) 1.000	(17.00) .669	(3.38) .133	(6.30) .248	90°	N/A	OVERALL				

SEE SHEET 1 EC NO: UCP2016-1055 DRAWN: KIPPER 2015/09/08 CHKD: BELL 2015/09/08 APPR: FSMITH 2015/09/10	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING 				
		▽=0	4 PLACES ± ---	± ---	KSS	1984/09/10					
		▽=0	3 PLACES ± ---	±.005	CHECKED BY	DATE					
		2 PLACES ± 0.13	±.01	NP	1984/09/10	APPROVED BY FSMITH 2014/08/05					
		1 PLACE ± 0.25	± ---								
		0 PLACE ± ---	± ---			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±1/2°		SEE CHART		SDA-4094		2 OF 3		
SIZE C 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-NA197		A-4094-NA241			A-4094-NAJ197		A-4094-NAP197		A-4094-NBT197			
J	PART NO.	ENG. NO.	PART NO.	ENG. NO.	VOID CIRCUIT	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
	22-05-202I	A-4094-2A197	22-12-202I	A-4094-2A 241			A-4094-2AJ197	22-05-3022	A-4094-2AP197	22-05-3020	A-4094-2BT197		
	22-05-203I	A-4094-3A197	22-12-203I	A-4094-3A 241		22-05-3038	A-4094-3AJ197	22-05-3032	A-4094-3AP197	22-05-3030	A-4094-3BT197		
	22-05-204I	A-4094-4A197	22-12-204I	A-4094-4A 241		22-05-3048	A-4094-4AJ197	22-05-3042	A-4094-4AP197	22-05-3040	A-4094-4BT197		
	22-05-205I	A-4094-5A197	22-12-205I	A-4094-5A 241		22-05-3058	A-4094-5AJ197	22-05-3052	A-4094-5AP197	22-05-3050	A-4094-5BT197		
I	22-05-206I	A-4094-6A197	22-12-206I	A-4094-6A 241		22-05-3068	A-4094-6AJ197	22-05-3062	A-4094-6AP197	22-05-3060	A-4094-6BT197		
	22-05-207I	A-4094-7A197	22-12-207I	A-4094-7A 241		22-05-3078	A-4094-7AJ197	22-05-3072	A-4094-7AP197	22-05-3070	A-4094-7BT197		
	22-05-208I	A-4094-8A197	22-12-208I	A-4094-8A 241		22-05-3088	A-4094-8AJ197	22-05-3082	A-4094-8AP197	22-05-3080	A-4094-8BT197		
	22-05-209I	A-4094-9A197	22-12-209I	A-4094-9A 241		22-05-3098	A-4094-9AJ197	22-05-3092	A-4094-9AP197	22-05-3090	A-4094-9BT197		
	22-05-210I	A-4094-10A197	22-12-210I	A-4094-10A 241		22-05-3108	A-4094-10AJ197	22-05-3102	A-4094-10AP197	22-05-3100	A-4094-10BT197		
H	22-05-211I	A-4094-11A 197	22-12-211I	A-4094-11A 241		22-05-3118	A-4094-11AJ 197	22-05-3112	A-4094-11AP197	22-05-3110	A-4094-11BT 197		
	22-05-212I	A-4094-12A197	22-12-212I	A-4094-12A241		22-05-3128	A-4094-12AJ197	22-05-3122	A-4094-12AP197	22-05-3120	A-4094-12BT197		
	22-05-213I	A-4094-13A197	22-12-213I	A-4094-13A241		22-05-3138	A-4094-13AJ197	22-05-3132	A-4094-13AP197	22-05-3130	A-4094-13BT197		
	22-05-214I	A-4094-14A197	22-12-214I	A-4094-14A241		22-05-3148	A-4094-14AJ197	22-05-3142	A-4094-14AP197	22-05-3140	A-4094-14BT197		
	22-05-215I	A-4094-15A197	22-12-215I	A-4094-15A241		22-05-3158	A-4094-15AJ197	22-05-3152	A-4094-15AP197	22-05-3150	A-4094-15BT197		
G	22-05-216I	A-4094-16A197	22-12-216I	A-4094-16A241		22-05-3168	A-4094-16AJ197	22-05-3162	A-4094-16AP197	22-05-3160	A-4094-16BT197		
			22-19-2054	A-4094-5A241-2	2								

	A-4094-NDS197	
	PART NO.	ENG. NO.
	22-06-302I	A-4094-02DS197
	22-06-303I	A-4094-03DS197
	22-06-304I	A-4094-04DS197
E	22-06-305I	A-4094-05DS197
	22-06-306I	A-4094-06DS197
	22-06-307I	A-4094-07DS197
	22-06-308I	A-4094-08DS197
	22-06-309I	A-4094-09DS197
D	22-06-310I	A-4094-10DS197
	22-06-311I	A-4094-11DS 197
	22-06-312I	A-4094-12DS 197
	22-06-313I	A-4094-13DS 197
	22-06-314I	A-4094-14DS 197
	22-06-315I	A-4094-15DS 197
C	22-06-316I	A-4094-16DS 197

SEE SHEET 1 EC NO: UCP2016-1055 DRAWN:KIPPER 2015/09/08 CHKD:JBELL 2015/09/08 APPR:FSMITH 2015/09/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± ---	0 PLACE	± ---	± ---	MM/IN	---	INCH	
		mm	INCH																					
	4 PLACES	± ---	± ---																					
3 PLACES	± ---	± .005																						
2 PLACES	± 0.13	± .01																						
1 PLACE	± 0.25	± ---																						
0 PLACE	± ---	± ---																						
REV	DESCRIPTION	DRAWN BY DATE KSS 1984/09/10 CHECKED BY DATE NP 1984/09/10 APPROVED BY DATE FSMITH 2014/08/05	TITLE	WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING																				
AE2		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4094	SHEET NO. 3 OF 3																			
			SIZE 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				