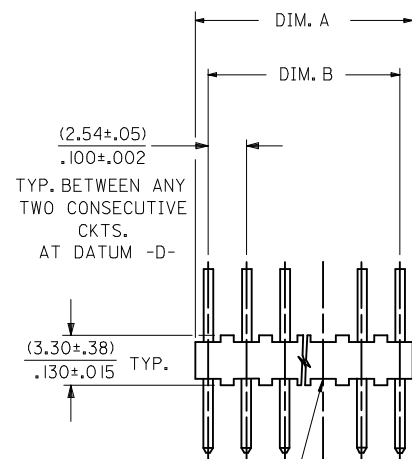
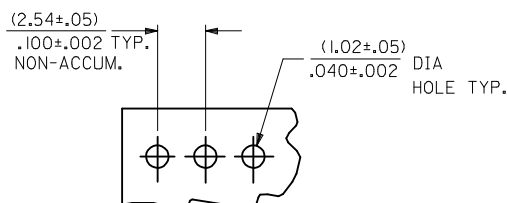


CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN (0.20)/.008 IN ANY DIRECTION



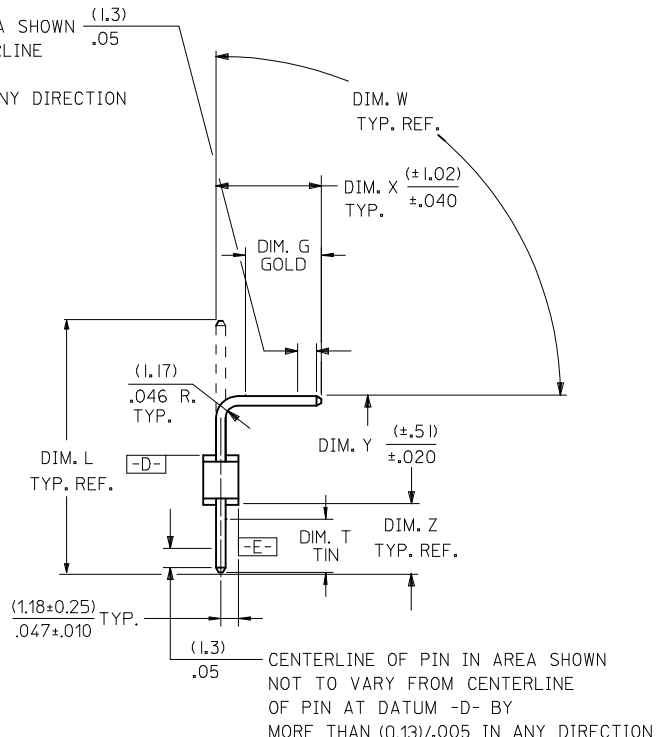
OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION



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

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

VOID CODE * * *-*

BLANK = NO VOIDS

NO. = CIRCUIT NO. VOIDED

MULTIPLE VOIDS START WITH 51

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)

CODE	PACKAGE
BLANK	BULK PER PK-4094-001

ADD 22-19-2054 EC NO: UCP2014-0456 DRWN:KIPPER CHKD:JBELL APPR:FSMITH REV: AE1	DESCRIPTION 2014/02/14 2014/02/14 2014/08/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING molex DOCUMENT NO. SDA-4094				
			4 PLACES	± ---	± ---	KSS				1984/09/10	
			3 PLACES	± ---	± .005	CHECKED BY				DATE	
			2 PLACES	± 0.13	± .01	NP				1984/09/10	
		1 PLACE	± 0.25	± ---	APPROVED BY	DATE					
		0 PLACE	± ---	± 1/2°	FSMITH	2014/08/05					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
		DRAFT WHERE APPLICABLE		SEE CHART		SDA-4094			1 OF 3		
		MUST REMAIN WITHIN DIMENSIONS		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	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	
lb_frame_C_P_AM_T Rev. G 2012/01/11																

SEE SHEET 1 EC NO: UCP2014-0456 DRAWN:KIPPER 2014/02/14 CHKD:JBELL 2014/02/14 APPR:FSMITH 2014/08/05 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
	 	=0 =0 =0 =0 =0	mm	INCH	DRAWN BY KSS	DATE 1984/09/10	TITLE WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING molex	DOCUMENT NO. SDA-4094	SHEET NO. 2 OF 3	
			4 PLACES	± ---	± ---	CHECKED BY NP				DATE 1984/09/10
			3 PLACES	± ---	±.005	APPROVED BY FSMITH				DATE 2014/08/05
			2 PLACES	±0.13	±.01					
			1 PLACE	±0.25	±---					
	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART					
					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																																																																																					
J	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.																																																																																							
	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																																																																																							
I	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	I																																																																																						
	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																																																																																							
	22-05-205I	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																																																																																							
	22-05-206I	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																																																																																							
	22-05-207I	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																																																																																							
	22-05-208I	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																																																																																							
	22-05-209I	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																																																																																							
H	22-05-2I0I	A-4094-I0A197	22-I2-2I0I	A-4094-I0A 241		22-05-3I08	A-4094-I0AJ197	22-05-3I02	A-4094-I0AP197	22-05-3I00	A-4094-I0BT197	H																																																																																						
	22-05-2I1I	A-4094-I1A 197	22-I2-2I1I	A-4094-I1A 241		22-05-3I18	A-4094-I1AJ 197	22-05-3I12	A-4094-I1AP197	22-05-3I10	A-4094-I1BT 197																																																																																							
	22-05-2I2I	A-4094-I2A197	22-I2-2I2I	A-4094-I2A241		22-05-3I28	A-4094-I2AJ197	22-05-3I22	A-4094-I2AP197	22-05-3I20	A-4094-I2BT197																																																																																							
	22-05-2I3I	A-4094-I3A197	22-I2-2I3I	A-4094-I3A241		22-05-3I38	A-4094-I3AJ197	22-05-3I32	A-4094-I3AP197	22-05-3I30	A-4094-I3BT197																																																																																							
	22-05-2I4I	A-4094-I4A197	22-I2-2I4I	A-4094-I4A241		22-05-3I48	A-4094-I4AJ197	22-05-3I42	A-4094-I4AP197	22-05-3I40	A-4094-I4BT197																																																																																							
	22-05-2I5I	A-4094-I5A197	22-I2-2I5I	A-4094-I5A241		22-05-3I58	A-4094-I5AJ197	22-05-3I52	A-4094-I5AP197	22-05-3I50	A-4094-I5BT197																																																																																							
	22-05-2I6I	A-4094-I6A197	22-I2-2I6I	A-4094-I6A241		22-05-3I68	A-4094-I6AJ197	22-05-3I62	A-4094-I6AP197	22-05-3I60	A-4094-I6BT197																																																																																							
G			22-19-2054	A-4094-5A241-2	2									G																																																																																				
F	A-4094-NDS197													F																																																																																				
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	22-06-302I	A-4094-02DS197																																																																																																
E	22-06-303I	A-4094-03DS197												E																																																																																				
	22-06-304I	A-4094-04DS197																																																																																																
	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																																																																																																
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	22-06-3I2I	A-4094-I2DS 197																																																																																																
	22-06-3I3I	A-4094-I3DS 197																																																																																																
C	22-06-3I4I	A-4094-I4DS 197												C																																																																																				
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<table><tr><td rowspan="10">SEE SHEET 1 EC NO: UCP2014-0456 2014/02/14 DRWN:KKIPPER CHKD:JBELL APPR:FSMITH 2014/08/05</td><td rowspan="10">REV</td><td rowspan="10">DESCRIPTION</td><td rowspan="10">QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td>SCALE</td><td>DESIGN UNITS</td><td rowspan="10"> THIRD ANGLE PROJECTION</td><td rowspan="10">TITLE</td></tr><tr><td colspan="2"></td><td colspan="2">MM/IN</td><td>---</td><td>INCH</td></tr><tr><td colspan="2"></td><td>DRAWN BY</td><td>DATE</td><td colspan="2" rowspan="4">SDA-4094</td></tr><tr><td colspan="2"></td><td>KSS</td><td>1984/09/10</td></tr><tr><td colspan="2"></td><td>CHECKED BY</td><td>DATE</td></tr><tr><td colspan="2"></td><td>NP</td><td>1984/09/10</td></tr><tr><td colspan="2"></td><td colspan="2">APPROVED BY</td><td>DATE</td><td colspan="2" rowspan="3">molex</td></tr><tr><td colspan="2"></td><td colspan="2">FSMITH</td><td>2014/08/05</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td></td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="2">SHEET NO.</td></tr><tr><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE CHART</td><td colspan="2">SDA-4094</td><td colspan="2">3 OF 3</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">SIZE</td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>														SEE SHEET 1 EC NO: UCP2014-0456 2014/02/14 DRWN:KKIPPER CHKD:JBELL APPR:FSMITH 2014/08/05	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE			MM/IN		---	INCH			DRAWN BY	DATE	SDA-4094				KSS	1984/09/10			CHECKED BY	DATE			NP	1984/09/10			APPROVED BY		DATE	molex				FSMITH		2014/08/05								ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-4094		3 OF 3						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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