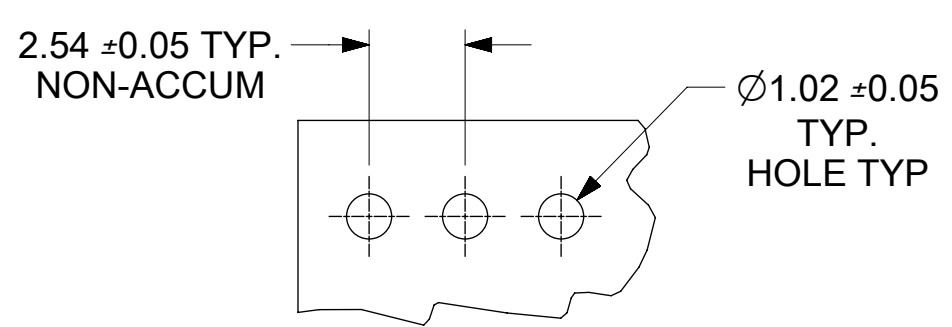
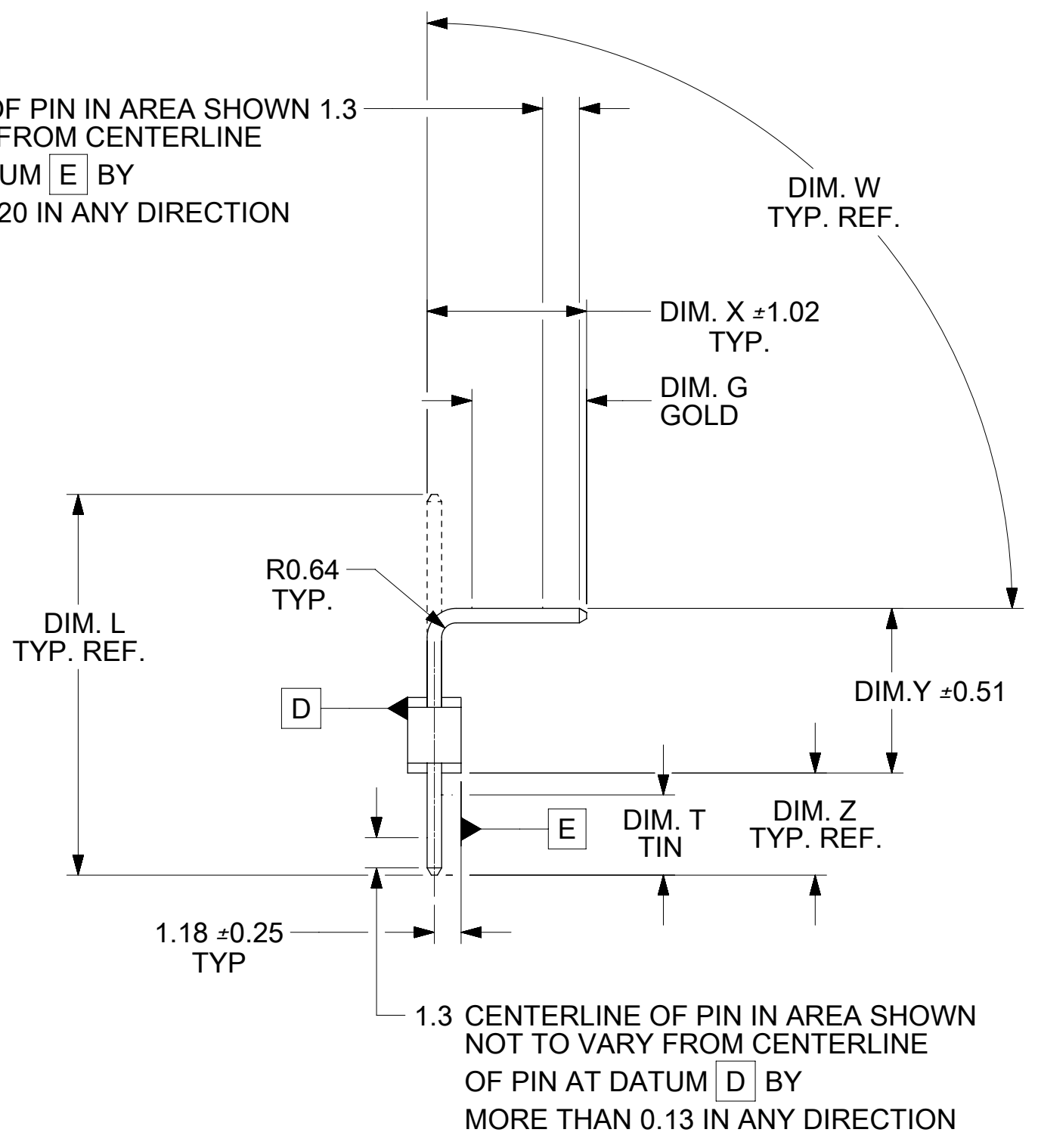
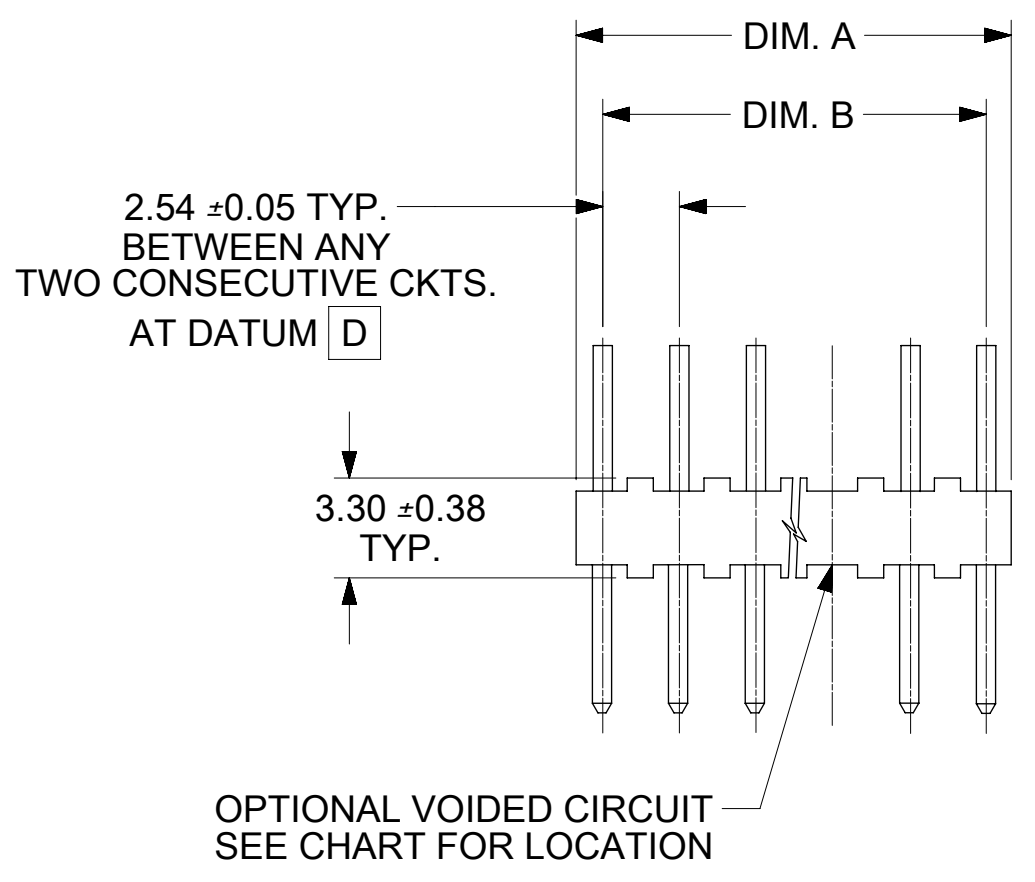


NO. OF CKTS	DIM B	DIM A
2	2.54 ± 0.05	4.83 ± 0.20
3	5.08 ± 0.13	7.37 ± 0.20
4	7.62 ± 0.13	9.91 ± 0.20
5	10.16 ± 0.13	12.45 ± 0.20
6	12.70 ± 0.15	14.99 ± 0.23
7	15.24 ± 0.15	17.53 ± 0.23
8	17.78 ± 0.15	20.07 ± 0.23
9	20.32 ± 0.18	22.61 ± 0.25
10	22.86 ± 0.18	25.15 ± 0.25
11	25.40 ± 0.18	27.69 ± 0.25
12	27.94 ± 0.20	30.23 ± 0.28
13	30.48 ± 0.20	32.77 ± 0.28
14	33.02 ± 0.20	35.31 ± 0.28
15	35.56 ± 0.20	37.85 ± 0.28
16	38.10 ± 0.20	40.39 ± 0.28

CENTERLINE OF PIN IN AREA SHOWN 1.3 NOT TO VARY FROM CENTERLINE OF PIN AT DATUM E BY MORE THAN 0.20 IN ANY DIRECTION



PCB LAYOUT: COMPONENT SIDE  
TYPICAL PCB THICKNESS: 1.57

- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
  - FINISH:
    - (241) SELECT GOLD: 0.00051 MIN.
    - SELECT TIN: 0.00254 MIN.
    - OVERALL NICKEL UNDERPLATE: 0.00127 MIN.
    - (197) OVERALL REFLOWED MATTE TIN: 0.00152 MIN.
    - OVER 0.00127 MIN. NICKEL OVERALL.
  - 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.
  - PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

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

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV/DESC: PN 22054030 ADDED	
MM	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	± 0.005	
2 PLACES	± 0.13	± 0.01	
1 PLACE	± 0.25	±	
0 PLACES	±	±	
ANGULAR TOL	± 0.5 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
			C-SIZE 4094

EC NO: 174644	2018/02/16
DRWN: VLM	2018/04/05
CHK'D: SS06	2018/04/10
APPR: ISHWARG	
INITIAL REVISION:	
DRWN: KSS	1984/09/10
APPR: FSMITH	2014/08/05

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SDA-4094		PSD	001	AE4
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
SEE TABLE	GENERAL MARKET	1 OF 3		

**molex**

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

PRODUCT CUSTOMER DRAWING

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	9.37	3.15	6.30	90°	N/A	OVERALL
A-4094-NA241	42663-0563	17.53	9.37	3.15	6.30	90°	5.08	3.43
A-4094-NAJ197	42663-0862	21.34	10.13	4.09	8.41	90°	N/A	OVERALL
A-4094-NAP197	42663-0562	17.53	8.48	3.78	6.55	90°	N/A	OVERALL
A-4094-NBT197	42663-0182	12.70	6.38	2.79	4.78	90°	N/A	OVERALL
A-4094-NDS197	42663-1182	25.40	17.00	3.38	6.30	90°	N/A	OVERALL
A-4094-NAA197	42663-0542	17.27	7.72	3.15	10.21	60°	N/A	OVERALL
A-4094-NAD241	42663-0563	17.53	9.37	3.86	5.59	90°	5.08	3.43
A-4094-NAD197	42663-0562	17.53	9.37	3.86	5.59	90°	N/A	OVERALL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS		SCALE		CURRENT REV DESC: PN 22054030 ADDED			<b>molex</b>		
<b>MM</b>		<b>NTS</b>							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 174644			WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING		
		MM	INCH	DRWN: VLM 2018/02/16					
4 PLACES ±				CHK'D: SS06 2018/04/05			PRODUCT CUSTOMER DRAWING		
3 PLACES ±			± 0.005	APPR: ISHWARG 2018/04/10					
2 PLACES ±		0.13	± 0.01	INITIAL REVISION:			DOCUMENT NUMBER <b>SDA-4094</b>		
1 PLACE ±		0.25	±	DRWN: KSS 1984/09/10					
0 PLACES ±			±	APPR: FSMITH 2014/08/05			PSD	001	AE4
ANGULAR TOL ±		0.5 °		THIRD ANGLE PROJECTION			MATERIAL NUMBER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DRAWING	SERIES	CUSTOMER	
				C-SIZE		4094	SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/10	10:41:34
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A-4094-NA197	
PART NO.	ENG. NO.
22-05-2021	A-4094-2A197
22-05-2031	A-4094-3A197
22-05-2041	A-4094-4A197
22-05-2051	A-4094-5A197
22-05-2061	A-4094-6A197
22-05-2071	A-4094-7A197
22-05-2081	A-4094-8A197
22-05-2091	A-4094-9A197
22-05-2101	A-4094-10A197
22-05-2111	A-4094-11A197
22-05-2121	A-4094-12A197
22-05-2131	A-4094-13A197
22-05-2141	A-4094-14A197
22-05-2151	A-4094-15A197
22-05-2161	A-4094-16A197

A-4094-NA241		
PART NO.	ENG. NO.	VOID CIRCUIT
22-12-2021	A-4094-2A241	
22-12-2031	A-4094-3A241	
22-12-2041	A-4094-4A241	
22-12-2051	A-4094-5A241	
22-12-2061	A-4094-6A241	
22-12-2071	A-4094-7A241	
22-12-2081	A-4094-8A241	
22-12-2091	A-4094-9A241	
22-12-2101	A-4094-10A241	
22-12-2111	A-4094-11A241	
22-12-2121	A-4094-12A241	
22-12-2131	A-4094-13A241	
22-12-2141	A-4094-14A241	
22-12-2151	A-4094-15A241	
22-12-2161	A-4094-16A241	
22-19-2054	A-4094-5A241-2	2

A-4094-NAJ197	
PART NO.	ENG. NO.
	A-4094-2AJ197
22-05-3038	A-4094-3AJ197
22-05-3048	A-4094-4AJ197
22-05-3058	A-4094-5AJ197
22-05-3068	A-4094-6AJ197
22-05-3078	A-4094-7AJ197
22-05-3088	A-4094-8AJ197
22-05-3098	A-4094-9AJ197
22-05-3108	A-4094-10AJ197
22-05-3118	A-4094-11AJ197
22-05-3128	A-4094-12AJ197
22-05-3138	A-4094-13AJ197
22-05-3148	A-4094-14AJ197
22-05-3158	A-4094-15AJ197
22-05-3168	A-4094-16AJ197

A-4094-NAP197	
PART NO.	ENG. NO.
22-05-3022	A-4094-2AP197
22-05-3032	A-4094-3AP197
22-05-3042	A-4094-4AP197
22-05-3052	A-4094-5AP197
22-05-3062	A-4094-6AP197
22-05-3072	A-4094-7AP197
22-05-3082	A-4094-8AP197
22-05-3092	A-4094-9AP197
22-05-3102	A-4094-10AP197
22-05-3112	A-4094-11AP197
22-05-3122	A-4094-12AP197
22-05-3132	A-4094-13AP197
22-05-3142	A-4094-14AP197
22-05-3152	A-4094-15AP197
22-05-3162	A-4094-16AP197

A-4094-NBT197	
PART NO.	ENG. NO.
22-05-3020	A-4094-2BT197
22-05-3030	A-4094-3BT197
22-05-3040	A-4094-4BT197
22-05-3050	A-4094-5BT197
22-05-3060	A-4094-6BT197
22-05-3070	A-4094-7BT197
22-05-3080	A-4094-8BT197
22-05-3090	A-4094-9BT197
22-05-3100	A-4094-10BT197
22-05-3110	A-4094-11BT197
22-05-3120	A-4094-12BT197
22-05-3130	A-4094-13BT197
22-05-3140	A-4094-14BT197
22-05-3150	A-4094-15BT197
22-05-3160	A-4094-16BT197

A-4094-NDS197	
PART NO.	ENG. NO.
22-06-3021	A-4094-2DS197
22-06-3031	A-4094-3DS197
22-06-3041	A-4094-4DS197
22-06-3051	A-4094-5DS197
22-06-3061	A-4094-6DS197
22-06-3071	A-4094-7DS197
22-06-3081	A-4094-8DS197
22-06-3091	A-4094-9DS197
22-06-3101	A-4094-10DS197
22-06-3111	A-4094-11DS197
22-06-3121	A-4094-12DS197
22-06-3131	A-4094-13DS197
22-06-3141	A-4094-14DS197
22-06-3151	A-4094-15DS197
22-06-3161	A-4094-16DS197

A-4094-NAA197	
PART NO.	ENG. NO.
	A-4094-2AA197
	A-4094-3AA197
	A-4094-4AA197
	A-4094-5AA197
46999-0606	A-4094-6AA197
46999-0650	A-4094-7AA197
	A-4094-8AA197
	A-4094-9AA197
	A-4094-10AA197
	A-4094-11AA197
	A-4094-12AA197
	A-4094-13AA197
	A-4094-14AA197
	A-4094-15AA197
	A-4094-16AA197

A-4094-NAD241	
PART NO.	ENG. NO.
46999-0808	A-4094-3AD241

A-4094-NAD197	
PART NO.	ENG. NO.
22-05-4030	A-4094-3AD197

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DIMENSION UNITS		SCALE		CURRENT REV/DESC: PN 22054030 ADDED					
INCH		NTS		<p><b>molex</b></p> <p>WAFER ASSY FLAT MINI KK (4030 WITH BENT PINS) 4094 SERIES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: <b>SDA-4094</b>    DOC TYPE: PSD    DOC PART: 001    REVISION: AE4</p> <p>MATERIAL NUMBER: SEE TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 3 OF 3</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
	MM		INCH						
4 PLACES	±		±						
3 PLACES	±		± 0.005						
2 PLACES	±	0.13	± 0.01						
1 PLACE	±	0.25	±						
0 PLACES	±		±						
ANGULAR TOL ± 0.5 °				EC NO: 174644		2018/02/16			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				C-SIZE		4094			