

Technical drawing of a PCB assembly, showing dimensions, tolerances, and assembly instructions. The drawing is divided into sections A, B, C, D, E, F, and G, corresponding to different views and details.

Section A: Dimensions and Tolerances

NO. OF CKTS.	DIM. A	DIM. B
1	(2.44 ± .15) .096 ± .006	—
2	(4.98 ± .15) .196 ± .006	(2.54 ± .10) .100 ± .004
3	(7.52 ± .15) .296 ± .006	(5.08 ± .10) .200 ± .004
4	(10.06 ± .15) .396 ± .006	(7.62 ± .10) .300 ± .004
5	(12.60 ± .18) .496 ± .007	(10.16 ± .13) .400 ± .005
6	(15.14 ± .18) .596 ± .007	(12.70 ± .13) .500 ± .005
7	(17.68 ± .20) .696 ± .008	(15.24 ± .15) .600 ± .006
8	(20.22 ± .20) .796 ± .008	(17.78 ± .15) .700 ± .006
9	(22.76 ± .20) .896 ± .008	(20.32 ± .15) .800 ± .006
10	(25.30 ± .25) .996 ± .010	(22.86 ± .20) .900 ± .008
11	(27.84 ± .25) 1.096 ± .010	(25.40 ± .20) 1.000 ± .008
12	(30.38 ± .25) 1.196 ± .010	(27.94 ± .20) 1.100 ± .008
13	(32.92 ± .25) 1.296 ± .010	(30.48 ± .20) 1.200 ± .008
14	(35.46 ± .25) 1.396 ± .010	(33.02 ± .20) 1.300 ± .008
15	(38.00 ± .28) 1.496 ± .011	(35.56 ± .23) 1.400 ± .009
16	(40.54 ± .28) 1.596 ± .011	(38.10 ± .23) 1.500 ± .009
17	(43.08 ± .28) 1.696 ± .011	(40.64 ± .23) 1.600 ± .009
18	(45.62 ± .28) 1.796 ± .011	(43.18 ± .23) 1.700 ± .009
19	(48.16 ± .28) 1.896 ± .011	(45.72 ± .23) 1.800 ± .009
20	(50.70 ± .30) 1.996 ± .012	(48.26 ± .25) 1.900 ± .010

Section B: Assembly Instructions

NOTES:

- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
- FINISH:
 - (208) - SELECT GOLD: (0.00038)/.000015 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (228) - SELECT GOLD: (0.00076)/.000030 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (231) - SELECT GOLD: (0.00127)/.000050 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (565) - SELECT GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL: (0.00076)/.000030 MIN. OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
 - (P909) - OVERALL TIN: (0.00254)/.000100 MIN.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING: SEE CHARTS.
- PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.
- PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
- TYPICAL PCB THICKNESS: (1.57)/.062
- PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 EXCEPT PROTRUSIONS. PARTS MAY HAVE MORE THAN 2 GATE MARKS.
- WHEN MATING ASSEMBLIES THAT USE 4455-BN HOUSINGS TO BREAKAWAY FRICTION LOCK OR POLARIZING HEADERS, THE END BACKWALLS MUST BE REMOVED.
- DIMENSION C MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

Section C: Dimensions and Tolerances

ASS'Y. PROC. A RIGHT ANGLE

RECOMMENDED P.C. BOARD LAYOUT FOR ASS'Y. PROC. A

ASS'Y. PROC. B BOTTOM ENTRY

RECOMMENDED P.C. BOARD LAYOUT FOR ASS'Y. PROC. B

ASS'Y. PROC. C TOP ENTRY

RECOMMENDED P.C. BOARD LAYOUT FOR ASS'Y. PROC. C

Section D: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section E: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section F: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section G: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section H: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section I: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section J: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section K: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section L: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section M: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section N: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section O: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section P: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section Q: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section R: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section S: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section T: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section U: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section V: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section W: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section X: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section Y: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section Z: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AA: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AB: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AC: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AD: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AE: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AF: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AG: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AH: Dimensions and Tolerances

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

Section AI: Dimensions and Tolerances

4455-N HOUSING SHOWN

FORMAT: Eng-sega-master-b-prod-B REVISION: 1.1 DATE: 2021/05/31	9	8	7	6	5	4	3	2	1
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KK 100 PCB ASSY 2-25 CKT
4455 SERIES

A-4455- * * N * * - *

ASSY PROCEDURE
A=RIGHT ANGLE
B=BOTTOM ENTRY
C=TOP ENTRY

HOUSING OPTION
A=4455-AN
B=4455-BN
E=4455-NHH
G=4455-BN (HOOKS CUT OFF)
H=4455-N2 (BOTTOM ENTRY ONLY)
P=4455-NR (HOOKS CUT OFF)
R=4455-NR
V=4455-N-02
W=4455-N-02 (HOOKS CUT OFF)
Y=4455-N (HOOKS CUT OFF)
Z=4455-N

NO OF CIRCUITS

TERMINAL TYPE

Code	Number	Material	Form
A	4316-4	Brass	Standard
B	6516-4	Phos Bronze	Standard
C	6516-5C	Phos Bronze	Cat Ear / V
D	4316-3B	Brass	Std / V
F	6516-6C	Phos Bronze	Cat Ear / V
G	4316-3	Brass	Standard
J	6516-3B	Phos Bronze	Std / V
L	6516-3C	Phos Bronze	Cat Ear / V
M	6516-4A	Phos Bronze	Cat Ear
T	4316-4A	Brass	Cat Ear

PLATING

(SEE SHEET 1)

VOID LOCATION
NUMBER = CIRCUIT VOIDED
MULTIPLE VOIDS START
WITH 51
BLANK = NONE

	Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE
	Hooks Cut:	NO		Hooks Cut:	NO
	Housing No:	4455-N		Housing No:	4455-N
	Terminal No:	4316-4(P909)		Terminal No:	4316-4(565)
	Dim C:	3.35 / .132		Dim C:	3.35 / .132
	Plating:	P909		Plating:	565
	Packaging:	PK-44646-001		Packaging:	PK-44646-001
	Voids:	NONE		Voids:	NONE
Ckts	Material No	Engineer Number		Material No	Engineer Number
2	22-15-2026	A-4455-AZ02A(P909)		22-16-2021	A-4455-AZ02A(565)
3	22-15-2036	A-4455-AZ03A(P909)		22-16-2031	A-4455-AZ03A(565)
4	22-15-2046	A-4455-AZ04A(P909)		22-16-2041	A-4455-AZ04A(565)
5	22-15-2056	A-4455-AZ05A(P909)		22-16-2051	A-4455-AZ05A(565)
6	22-15-2066	A-4455-AZ06A(P909)		22-16-2061	A-4455-AZ06A(565)
7	22-15-2076	A-4455-AZ07A(P909)		22-16-2071	A-4455-AZ07A(565)
8	22-15-2086	A-4455-AZ08A(P909)		22-16-2081	A-4455-AZ08A(565)
9	22-15-2096	A-4455-AZ09A(P909)		22-16-2091	A-4455-AZ09A(565)
10	22-15-2106	A-4455-AZ10A(P909)		22-16-2101	A-4455-AZ10A(565)
11	22-15-2116	A-4455-AZ11A(P909)		22-16-2111	A-4455-AZ11A(565)
12	22-15-2126	A-4455-AZ12A(P909)		22-16-2121	A-4455-AZ12A(565)
13	22-15-2136	A-4455-AZ13A(P909)		22-16-2131	A-4455-AZ13A(565)
14	22-15-2146	A-4455-AZ14A(P909)		22-16-2141	A-4455-AZ14A(565)
15	22-15-2156	A-4455-AZ15A(P909)		22-16-2151	A-4455-AZ15A(565)
16	22-15-2166	A-4455-AZ16A(P909)		22-16-2161	A-4455-AZ16A(565)
17	22-15-2176	A-4455-AZ17A(P909)		22-16-2171	A-4455-AZ17A(565)
18	22-15-2186	A-4455-AZ18A(P909)		22-16-2181	A-4455-AZ18A(565)
19	22-15-2196	A-4455-AZ19A(P909)		22-16-2191	A-4455-AZ19A(565)
20	22-15-2206	A-4455-AZ20A(P909)		22-16-2201	A-4455-AZ20A(565)
21					
22					
23					
24					
25					

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

DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES ±		±
3 PLACES ±		± 0.01
2 PLACES ±	0.25	± 0.015
1 PLACE ±	0.36	±
0 PLACES ±		±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.

EC NO: 716046

DRWN: SANTHN

CHKD: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SDA-4455	PSD	001	D18

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 15

[illegible]

10	9	8	7	6	5	4	3	2	1										
F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F									
E										E									
D		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY							
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO							
		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-N2		Housing No:	4455-N2							
		Terminal No:	6516-4(565)		Terminal No:	6516-4(208)		Terminal No:	6516-3B(565)		Terminal No:	6516-3B(208)							
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132							
		Plating:	565		Plating:	208		Plating:	565		Plating:	208							
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001							
		Voids:	NONE		Voids:	NONE		Voids:	NONE		Voids:	NONE							
	Ckts	Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number							
	2	22-16-2024	A-4455-AZ02B(565)					22-17-2021	A-4455-BH02J(565)										
	3	22-16-2034	A-4455-AZ 03 B(565)					22-17-2031	A-4455-BH 03 J(565)										
	4	22-16-2044	A-4455-AZ 04 B(565)					22-17-2041	A-4455-BH 04 J(565)										
	5	22-16-2054	A-4455-AZ 05 B(565)					22-17-2051	A-4455-BH 05 J(565)										
	6	22-16-2064	A-4455-AZ 06 B(565)					22-17-2061	A-4455-BH 06 J(565)										
	7	22-16-2074	A-4455-AZ 07 B(565)					22-17-2071	A-4455-BH 07 J(565)										
	8	22-16-2084	A-4455-AZ 08 B(565)					22-17-2081	A-4455-BH 08 J(565)										
	9	22-16-2094	A-4455-AZ 09 B(565)					22-17-2091	A-4455-BH 09 J(565)										
	10	22-16-2104	A-4455-AZ 10 B(565)					22-17-2101	A-4455-BH 10 J(565)										
	11	22-16-2114	A-4455-AZ 11 B(565)					22-17-2111	A-4455-BH 11 J(565)										
	12	22-16-2124	A-4455-AZ 12 B(565)					22-17-2121	A-4455-BH 12 J(565)										
	13	22-16-2134	A-4455-AZ 13 B(565)					22-17-2131	A-4455-BH 13 J(565)										
	14	22-16-2144	A-4455-AZ 14 B(565)					22-17-2141	A-4455-BH 14 J(565)										
	15	22-16-2154	A-4455-AZ 15 B(565)					22-17-2151	A-4455-BH 15 J(565)										
	16	22-16-2164	A-4455-AZ 16 B(565)					22-17-2161	A-4455-BH 16 J(565)										
17	22-16-2174	A-4455-AZ 17 B(565)					22-17-2171	A-4455-BH 17 J(565)											
18	22-16-2184	A-4455-AZ 18 B(565)					22-17-2181	A-4455-BH 18 J(565)											
19	22-16-2194	A-4455-AZ 19 B(565)					22-17-2191	A-4455-BH 19 J(565)											
20	22-16-2204	A-4455-AZ 20 B(565)					22-17-2201	A-4455-BH 20 J(565)											
21	22-16-2214	A-4455-AZ 21 B(565)					22-17-2211	A-4455-BH 21 J(565)											
22	22-16-2224	A-4455-AZ 22 B(565)					22-17-2221	A-4455-BH 22 J(565)											
23	22-16-2234	A-4455-AZ 23 B(565)					22-17-2231	A-4455-BH 23 J(565)											
24	22-16-2244	A-4455-AZ 24 B(565)					22-17-2241	A-4455-BH 24 J(565)											
25							22-17-2251	A-4455-BH 25 J(565)											
B										B									
A										A									
DOCUMENT STATUS P1 RELEASE DATE 2022/07/29 12:32:02																			
9										8									
7										6									
5										4									
3										2									
1																			

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

± 0.01

2 PLACES

±

0.25

± 0.015

1 PLACE

±

0.36

±

0 PLACES

±

±

ANGULAR TOL

±

0.5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.

EC NO: 716046

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

[illegible]

10	9	8	7	6	5	4	3	2	1	
F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F
E										E
D										D
C										C
B										B
A										A

		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-AN		Housing No:	4455-BN		Housing No:	4455-BN		Housing No:	4455-NHH
		Terminal No:	4316-4(208)		Terminal No:	4316-4(228)		Terminal No:	4316-4(P909)		Terminal No:	4316-4(P909)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	208		Plating:	228		Plating:	P909		Plating:	P909
		Packaging:	PK-44646-001		Packaging:	PK-44646-002		Packaging:	PK-44646-002		Packaging:	PK-44646-001
		Voids:	NONE		Voids:	NONE		Voids:	NONE		Voids:	NONE
Ckts		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
2								22-15-4024	A-4455-AB02A(P909)			
3								22-15-4034	A-4455-AB 03A(P909)			
4								22-15-4044	A-4455-AB 04A(P909)			
5								22-15-4054	A-4455-AB 05A(P909)			
6					50-34-8518	A-4455-AB 06 A(228)		22-15-4064	A-4455-AB 06A(P909)			
7								22-15-4074	A-4455-AB 07A(P909)			
8								22-15-4084	A-4455-AB 08A(P909)			
9		22-16-2096	A-4455-AA 09 A(208)					22-15-4094	A-4455-AB 09A(P909)			
10											22-15-2102	A-4455-AE 10A(P909)
11								22-15-4114	A-4455-AB 11A(P909)			
12								22-15-4124	A-4455-AB 12A(P909)			
13								22-15-4134	A-4455-AB 13A(P909)			
14								22-15-4144	A-4455-AB 14A(P909)			
15								22-15-4154	A-4455-AB 15A(P909)			
16								22-15-4164	A-4455-AB 16A(P909)			
17								22-15-4174	A-4455-AB 17A(P909)			
18		22-16-2186	A-4455-AA 18 A(208)									
19		22-16-2196	A-4455-AA 19 A(208)					22-15-4194	A-4455-AB 19A(P909)			
20		22-16-2206	A-4455-AA 20 A(208)					22-15-4204	A-4455-AB 20A(P909)			
21		22-16-2216	A-4455-AA 21 A(208)					22-15-4214	A-4455-AB 21A(P909)			
22		22-16-2226	A-4455-AA 22 A(208)					22-15-4224	A-4455-AB 22A(P909)			
23		22-16-2236	A-4455-AA 23 A(208)					22-15-4234	A-4455-AB 23A(P909)			
24								22-15-4244	A-4455-AB 24A(P909)			
25								22-15-4254	A-4455-AB 25A(P909)		22-15-2252	A-4455-AE 25A(P909)

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: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.				molex				
MM/IN		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 716046 DRWN: SANTHN 2022/07/22 CHKD: GGA 2022/07/29 APPR: GGA 2022/07/29				PRODUCT CUSTOMER DRAWING				
	MM	INCH										
4 PLACES	±		±									
3 PLACES	±		± 0.01									
2 PLACES	±	0.25	± 0.015									
1 PLACE	±	0.36	±	INITIAL REVISION: DRWN: SAMIEC 1984/05/10 APPR: LENZ 1984/05/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±		±					SDA-4455		PSD	001	D18
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						B-SIZE	4455	SEE CHART				

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.132</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>228</td><td>Plating:</td><td>228</td><td>Plating:</td><td>228</td></tr><tr><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td></tr><tr><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ckts</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td></td><td></td></tr><tr><td>2</td><td>22-15-4022</td><td>A-4455-AR02A(P909)</td><td></td><td></td><td>22-17-5023</td><td>A-4455-AZ02B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>22-15-4032</td><td>A-4455-AR 03 A(P909)</td><td></td><td></td><td>22-17-5033</td><td>A-4455-AZ 03 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>22-15-4042</td><td>A-4455-AR 04 A(P909)</td><td></td><td></td><td>22-17-5043</td><td>A-4455-AZ 04 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>22-15-4052</td><td>A-4455-AR 05 A(P909)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>22-15-4062</td><td>A-4455-AR 06 A(P909)</td><td></td><td></td><td>22-17-5063</td><td>A-4455-AZ 06 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td>22-15-4072</td><td>A-4455-AR 07 A(P909)</td><td></td><td></td><td>22-17-5073</td><td>A-4455-AZ 07 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td>22-15-4082</td><td>A-4455-AR 08 A(P909)</td><td></td><td></td><td>22-17-5083</td><td>A-4455-AZ 08 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>22-15-4092</td><td>A-4455-AR 09 A(P909)</td><td></td><td></td><td>22-17-5093</td><td>A-4455-AZ 09 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td>22-15-4102</td><td>A-4455-AR 10 A(P909)</td><td></td><td></td><td>22-17-5103</td><td>A-4455-AZ 10 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td>22-15-4112</td><td>A-4455-AR 11 A(P909)</td><td></td><td></td><td>22-17-5113</td><td>A-4455-AZ 11 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td>22-15-4122</td><td>A-4455-AR 12 A(P909)</td><td></td><td></td><td>22-17-5123</td><td>A-4455-AZ 12 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td>22-15-4132</td><td>A-4455-AR 13 A(P909)</td><td></td><td></td><td>22-17-5133</td><td>A-4455-AZ 13 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td>22-15-4142</td><td>A-4455-AR 14 A(P909)</td><td></td><td></td><td>22-17-5143</td><td>A-4455-AZ 14 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td>22-15-4152</td><td>A-4455-AR 15 A(P909)</td><td></td><td></td><td>22-17-5153</td><td>A-4455-AZ 15 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td>22-15-4162</td><td>A-4455-AR 16 A(P909)</td><td></td><td></td><td>22-17-5163</td><td>A-4455-AZ 16 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>17</td><td>22-15-4172</td><td>A-4455-AR 17 A(P909)</td><td></td><td></td><td>22-17-5173</td><td>A-4455-AZ 17 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>18</td><td>22-15-4182</td><td>A-4455-AR 18 A(P909)</td><td></td><td></td><td>22-17-5183</td><td>A-4455-AZ 18 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td>22-15-4192</td><td>A-4455-AR 19 A(P909)</td><td></td><td></td><td>22-17-5193</td><td>A-4455-AZ 19 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>20</td><td>22-15-4202</td><td>A-4455-AR 20 A(P909)</td><td>22-17-5201</td><td>A-4455-AZ 20 A(228)</td><td>22-17-5203</td><td>A-4455-AZ 20 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>21</td><td>22-15-4212</td><td>A-4455-AR 21 A(P909)</td><td></td><td></td><td>22-17-5213</td><td>A-4455-AZ 21 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>22-15-4222</td><td>A-4455-AR 22 A(P909)</td><td></td><td></td><td>22-17-5223</td><td>A-4455-AZ 22 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>22-15-4232</td><td>A-4455-AR 23 A(P909)</td><td></td><td></td><td>22-17-5233</td><td>A-4455-AZ 23 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td>22-15-4242</td><td>A-4455-AR 24 A(P909)</td><td></td><td></td><td>22-17-5243</td><td>A-4455-AZ 24 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>25</td><td>22-15-4252</td><td>A-4455-AR 25 A(P909)</td><td></td><td></td><td>22-17-5253</td><td>A-4455-AZ 25 B(228)</td><td></td><td></td><td></td><td></td></tr></table>											Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO	Housing No:	4455-NR	Housing No:	4455-N	Housing No:	4455-N	Housing No:	4455-N	Terminal No:	4316-4(P909)	Terminal No:	4316-4(228)	Terminal No:	6516-4(228)	Terminal No:	6516-4(228)	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Plating:	P909	Plating:	228	Plating:	228	Plating:	228	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Voids:	NONE	Voids:	NONE	Voids:	NONE	Voids:	NONE									Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number			2	22-15-4022	A-4455-AR02A(P909)			22-17-5023	A-4455-AZ02B(228)					3	22-15-4032	A-4455-AR 03 A(P909)			22-17-5033	A-4455-AZ 03 B(228)					4	22-15-4042	A-4455-AR 04 A(P909)			22-17-5043	A-4455-AZ 04 B(228)					5	22-15-4052	A-4455-AR 05 A(P909)									6	22-15-4062	A-4455-AR 06 A(P909)			22-17-5063	A-4455-AZ 06 B(228)					7	22-15-4072	A-4455-AR 07 A(P909)			22-17-5073	A-4455-AZ 07 B(228)					8	22-15-4082	A-4455-AR 08 A(P909)			22-17-5083	A-4455-AZ 08 B(228)					9	22-15-4092	A-4455-AR 09 A(P909)			22-17-5093	A-4455-AZ 09 B(228)					10	22-15-4102	A-4455-AR 10 A(P909)			22-17-5103	A-4455-AZ 10 B(228)					11	22-15-4112	A-4455-AR 11 A(P909)			22-17-5113	A-4455-AZ 11 B(228)					12	22-15-4122	A-4455-AR 12 A(P909)			22-17-5123	A-4455-AZ 12 B(228)					13	22-15-4132	A-4455-AR 13 A(P909)			22-17-5133	A-4455-AZ 13 B(228)					14	22-15-4142	A-4455-AR 14 A(P909)			22-17-5143	A-4455-AZ 14 B(228)					15	22-15-4152	A-4455-AR 15 A(P909)			22-17-5153	A-4455-AZ 15 B(228)					16	22-15-4162	A-4455-AR 16 A(P909)			22-17-5163	A-4455-AZ 16 B(228)					17	22-15-4172	A-4455-AR 17 A(P909)			22-17-5173	A-4455-AZ 17 B(228)					18	22-15-4182	A-4455-AR 18 A(P909)			22-17-5183	A-4455-AZ 18 B(228)					19	22-15-4192	A-4455-AR 19 A(P909)			22-17-5193	A-4455-AZ 19 B(228)					20	22-15-4202	A-4455-AR 20 A(P909)	22-17-5201	A-4455-AZ 20 A(228)	22-17-5203	A-4455-AZ 20 B(228)					21	22-15-4212	A-4455-AR 21 A(P909)			22-17-5213	A-4455-AZ 21 B(228)					22	22-15-4222	A-4455-AR 22 A(P909)			22-17-5223	A-4455-AZ 22 B(228)					23	22-15-4232	A-4455-AR 23 A(P909)			22-17-5233	A-4455-AZ 23 B(228)					24	22-15-4242	A-4455-AR 24 A(P909)			22-17-5243	A-4455-AZ 24 B(228)					25	22-15-4252	A-4455-AR 25 A(P909)			22-17-5253	A-4455-AZ 25 B(228)				
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6	22-15-4062	A-4455-AR 06 A(P909)			22-17-5063	A-4455-AZ 06 B(228)																																																																																																																																																																																																																																																																																																																																																																		
7	22-15-4072	A-4455-AR 07 A(P909)			22-17-5073	A-4455-AZ 07 B(228)																																																																																																																																																																																																																																																																																																																																																																		
8	22-15-4082	A-4455-AR 08 A(P909)			22-17-5083	A-4455-AZ 08 B(228)																																																																																																																																																																																																																																																																																																																																																																		
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24	22-15-4242	A-4455-AR 24 A(P909)			22-17-5243	A-4455-AZ 24 B(228)																																																																																																																																																																																																																																																																																																																																																																		
25	22-15-4252	A-4455-AR 25 A(P909)			22-17-5253	A-4455-AZ 25 B(228)																																																																																																																																																																																																																																																																																																																																																																		
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10	9	8	7	6	5	4	3	2	1	
F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F
E										E
D		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY	
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO	
		Housing No:	4455-N2		Housing No:	4455-N2		Housing No:	4455-N2	
		Terminal No:	4316-3B(228)		Terminal No:	4316-3B(231)		Terminal No:	6516-3B(228)	
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132	
		Plating:	228		Plating:	231		Plating:	228	
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001	
		Voids:	NO		Voids:	NO		Voids:	NO	
	Ckts	Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number	
	2	22-17-2024	A-4455-BH02D(228)					22-17-2027	A-4455-BH02J(228)	
	3	22-17-2034	A-4455-BH03D(228)					22-17-2037	A-4455-BH03J(228)	
	4	22-17-2044	A-4455-BH04D(228)					22-17-2047	A-4455-BH04J(228)	
	5	22-17-2054	A-4455-BH05D(228)				22-17-3056	A-4455-BH05D(228)	22-17-2057	A-4455-BH05J(228)
	6	22-17-2064	A-4455-BH06D(228)				22-17-3066	A-4455-BH06D(228)	22-17-2067	A-4455-BH06J(228)
	7	22-17-2074	A-4455-BH07D(228)						22-17-2077	A-4455-BH07J(228)
	8	22-17-2084	A-4455-BH08D(228)				22-17-3086	A-4455-BH08D(228)	22-17-2087	A-4455-BH08J(228)
	9	22-17-2094	A-4455-BH09D(228)						22-17-2097	A-4455-BH09J(228)
	10	22-17-2104	A-4455-BH10D(228)						22-17-2107	A-4455-BH10J(228)
	11	22-17-2114	A-4455-BH11D(228)						22-17-2117	A-4455-BH11J(228)
	12	22-17-2124	A-4455-BH12D(228)						22-17-2127	A-4455-BH12J(228)
	13	22-17-2134	A-4455-BH13D(228)						22-17-2137	A-4455-BH13J(228)
	14	22-17-2144	A-4455-BH14D(228)	22-17-2140	A-4455-BH 14 D(231)	22-17-3146	A-4455-BH14D(228)	22-17-2147	A-4455-BH14J(228)	
	15							22-17-2157	A-4455-BH15J(228)	
	16	22-17-2164	A-4455-BH16D(228)					22-17-2167	A-4455-BH16J(228)	
	17							22-17-2177	A-4455-BH17J(228)	
18	22-17-2184	A-4455-BH18D(228)					22-17-2187	A-4455-BH18J(228)		
19	22-17-2194	A-4455-BH19D(228)			22-17-3196	A-4455-BH19D(228)	22-17-2197	A-4455-BH19J(228)		
20	22-17-2204	A-4455-BH20D(228)	22-17-2200	A-4455-BH 20 D(231)	22-17-3206	A-4455-BH20D(228)	22-17-2207	A-4455-BH20J(228)		
21	22-17-2214	A-4455-BH21D(228)								
22	22-17-2224	A-4455-BH22D(228)								
23	22-17-2234	A-4455-BH23D(228)								
24	22-17-2244	A-4455-BH24D(228)								
25	22-17-2254	A-4455-BH25D(228)	22-17-2250	A-4455-BH 25 D(231)	22-17-3256	A-4455-BH25D(228)				
C										C
B										B
A										A
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: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.		molex				
MM/IN		1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH							
4 PLACES		±		±						
3 PLACES		±		± 0.01						
2 PLACES		±	0.25	± 0.015						
1 PLACE		±	0.36	±						
0 PLACES		±		±						
ANGULAR TOL				± 0.5 °						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		
						B-SIZE		4455		
DOCUMENT STATUS		P1	RELEASE DATE	2022/07/29	12:32:02	SEE CHART		GENERAL MARKET		
9		8		7		6		5		
4		3		2		1				

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.

EC NO: 716046

DRWN: SANTHN

CHKD: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

9 OF 15

molex

KK 100 PCB ASSY

4455 SERIES DWG

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY
		Hooks Cut:	YES		Hooks Cut:	YES		Hooks Cut:	YES		Hooks Cut:	NO
		Housing No:	4455-NR		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-BN
		Terminal No:	4316-4(208)		Terminal No:	4316-4(565)		Terminal No:	4316-4(P909)		Terminal No:	4316-4(P909)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	208		Plating:	565		Plating:	P909		Plating:	P909
		Packaging:	PK-44646-003		Packaging:	PK-44646-003		Packaging:	PK-44646-003		Packaging:	PK-44646-002
		Voids:	NO		Voids:	NO		Voids:	NO		Voids:	NO
Ckts		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
					22-18-2026	A-4455-CY02A(565)		22-02-7023	A-4455-CY02A(P909)		22-15-4028	A-4455-CB02A(P909)
					22-18-2036	A-4455-CY 03 A(565)		22-02-7033	A-4455-CY 03A(P909)		22-15-4038	A-4455-CB 03A(P909)
					22-18-2046	A-4455-CY 04 A(565)		22-02-7043	A-4455-CY 04A(P909)		22-15-4048	A-4455-CB 04A(P909)
		22-18-2057	A-4455-CP 05 A(208)					22-02-7053	A-4455-CY 05A(P909)		22-15-4058	A-4455-CB 05A(P909)
					22-18-2066	A-4455-CY 06 A(565)		22-02-7063	A-4455-CY 06A(P909)		22-15-4068	A-4455-CB 06A(P909)
								22-02-7073	A-4455-CY 07A(P909)		22-15-4078	A-4455-CB 07A(P909)
								22-02-7083	A-4455-CY 08A(P909)		22-15-4088	A-4455-CB 08A(P909)
								22-02-7093	A-4455-CY 09A(P909)		22-15-4098	A-4455-CB 09A(P909)
								22-02-7103	A-4455-CY 10A(P909)		22-15-4108	A-4455-CB 10A(P909)
								22-02-7113	A-4455-CY 11A(P909)		22-15-4118	A-4455-CB 11A(P909)
					22-18-2126	A-4455-CY 12 A(565)		22-02-7123	A-4455-CY 12A(P909)		22-15-4128	A-4455-CB 12A(P909)
								22-02-7133	A-4455-CY 13A(P909)		22-15-4138	A-4455-CB 13A(P909)
					22-18-2146	A-4455-CY 14 A(565)		22-02-7143	A-4455-CY 14A(P909)		22-15-4148	A-4455-CB 14A(P909)
					22-18-2156	A-4455-CY 15 A(565)		22-02-7153	A-4455-CY 15A(P909)		22-15-4158	A-4455-CB 15A(P909)
					22-18-2166	A-4455-CY 16 A(565)		22-02-7163	A-4455-CY 16A(P909)		22-15-4168	A-4455-CB 16A(P909)
					22-18-2176	A-4455-CY 17 A(565)		22-02-7173	A-4455-CY 17A(P909)		22-15-4178	A-4455-CB 17A(P909)
					22-18-2186	A-4455-CY 18 A(565)		22-02-7183	A-4455-CY 18A(P909)			
					22-18-2196	A-4455-CY 19 A(565)		22-02-7193	A-4455-CY 19A(P909)		22-15-4198	A-4455-CB 19A(P909)
					22-18-2206	A-4455-CY 20 A(565)		22-02-7203	A-4455-CY 20A(P909)		22-15-4208	A-4455-CB 20A(P909)
					22-18-2216	A-4455-CY 21 A(565)		22-02-7213	A-4455-CY 21A(P909)		22-15-4218	A-4455-CB 21A(P909)
					22-18-2226	A-4455-CY 22 A(565)		22-02-7223	A-4455-CY 22A(P909)		22-15-4228	A-4455-CB 22A(P909)
					22-18-2236	A-4455-CY 23 A(565)		22-02-7233	A-4455-CY 23A(P909)		22-15-4238	A-4455-CB 23A(P909)
					22-18-2246	A-4455-CY 24 A(565)					22-15-4248	A-4455-CB 24A(P909)
					22-18-2256	A-4455-CY 25 A(565)					22-15-4258	A-4455-CB 25A(P909)

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBER AS PER PCN#512128.

EC NO: 716046

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

2022/07/22

2022/07/29

2022/07/29

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

1984/05/10

1984/05/10

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

984

10	9	8	7	6	5	4	3	2	1				
F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F			
E										E			
D		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY	
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	YES		Hooks Cut:	YES	
		Housing No:	4455-NR		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-N	
		Terminal No:	4316-4(P909)		Terminal No:	6516-4(228)		Terminal No:	4316-4(208)		Terminal No:	6516-4(228)	
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132	
		Plating:	P909		Plating:	228		Plating:	208		Plating:	228	
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-003		Packaging:	PK-44646-003	
		Voids:	NO		Voids:	NO		Voids:	NO		Voids:	NO	
		Ckts	Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
	2	22-65-3020	A-4455-CR02A(P909)					22-18-7023	A-4455-CY02A(208)		22-18-7021	A-4455-CY02B(228)	
	3	22-65-3030	A-4455-CR 03A(P909)					22-18-7033	A-4455-CY 03 A(208)		22-18-7031 38-00-1478	A-4455-CY 03 B(228)	
	4	22-65-3040	A-4455-CR 04A(P909)					22-18-7043	A-4455-CY 04 A(208)		22-18-7041	A-4455-CY 04 B(228)	
	5	22-65-3050	A-4455-CR 05A(P909)					22-18-7053	A-4455-CY 05 A(208)		22-18-7051	A-4455-CY 05 B(228)	
	6	22-65-3060	A-4455-CR 06A(P909)					22-18-7063	A-4455-CY 06 A(208)		22-18-7061	A-4455-CY 06 B(228)	
	7	22-65-3070	A-4455-CR 07A(P909)					22-18-7073	A-4455-CY 07 A(208)		22-18-7071	A-4455-CY 07 B(228)	
	8	22-65-3080	A-4455-CR 08A(P909)					22-18-7083	A-4455-CY 08 A(208)		22-18-7081	A-4455-CY 08 B(228)	
	9	22-65-3090	A-4455-CR 09A(P909)					22-18-7093	A-4455-CY 09 A(208)		22-18-7091	A-4455-CY 09 B(228)	
	10	22-65-3100	A-4455-CR 10A(P909)					22-18-7103	A-4455-CY 10 A(208)		22-18-7101	A-4455-CY 10 B(228)	
	11	22-65-3110	A-4455-CR 11A(P909)					22-18-7113	A-4455-CY 11 A(208)		22-18-7111	A-4455-CY 11 B(228)	
	12	22-65-3120	A-4455-CR 12A(P909)		22-18-2124	A-4455-CZ 12 B(228)		22-18-7123	A-4455-CY 12 A(208)		22-18-7121	A-4455-CY 12 B(228)	
	13	22-65-3130	A-4455-CR 13A(P909)					22-18-7133	A-4455-CY 13 A(208)		22-18-7131	A-4455-CY 13 B(228)	
	14	22-65-3140	A-4455-CR 14A(P909)					22-18-7143	A-4455-CY 14 A(208)		22-18-7141	A-4455-CY 14 B(228)	
	15	22-65-3150	A-4455-CR 15A(P909)					22-18-7153	A-4455-CY 15 A(208)		22-18-7151	A-4455-CY 15 B(228)	
	16	22-65-3160	A-4455-CR 16A(P909)		22-18-2164	A-4455-CZ 16 B(228)		22-18-7163	A-4455-CY 16 A(208)		22-18-7161	A-4455-CY 16 B(228)	
	17	22-65-3170	A-4455-CR 17A(P909)					22-18-7173	A-4455-CY 17 A(208)		22-18-7171	A-4455-CY 17 B(228)	
	18	22-65-3180	A-4455-CR 18A(P909)					22-18-7183	A-4455-CY 18 A(208)		22-18-7181	A-4455-CY 18 B(228)	
	19	22-65-3190	A-4455-CR 19A(P909)		22-18-2194	A-4455-CZ 19 B(228)		22-18-7193	A-4455-CY 19 A(208)		22-18-7191	A-4455-CY 19 B(228)	
	20	22-65-3200	A-4455-CR 20A(P909)					22-18-7203	A-4455-CY 20 A(208)		22-18-7201	A-4455-CY 20 B(228)	
	21	22-65-3210	A-4455-CR 21A(P909)					22-18-7213	A-4455-CY 21 A(208)		22-18-7211	A-4455-CY 21 B(228)	
	22	22-65-3220	A-4455-CR 22A(P909)					22-18-7223	A-4455-CY 22 A(208)		22-18-7221	A-4455-CY 22 B(228)	
	23	22-65-3230	A-4455-CR 23A(P909)					22-18-7233	A-4455-CY 23 A(208)		22-18-7231	A-4455-CY 23 B(228)	
	24	22-65-3240	A-4455-CR 24A(P909)					22-18-7243	A-4455-CY 24 A(208)				
	25	22-65-3250	A-4455-CR 25A(P909)					22-18-7253	A-4455-CY 25 A(208)		22-18-7251	A-4455-CY 25 B(228)	

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.132</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>565</td><td>Plating:</td><td>P909</td><td>Plating:</td><td>P909</td></tr><tr><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-002</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-003</td></tr><tr><td>Voids:</td><td>NO</td><td>Voids:</td><td>NO</td><td>Voids:</td><td>NO</td><td>Voids:</td><td>YES IN CKT 2</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ckts</td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td></tr><tr><td>2</td><td></td><td></td><td></td><td>22-16-3028</td><td>A-4455-AB02A(565)</td><td></td><td>38-00-1422</td><td>A-4455-CZ02C(P909)</td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td><td>22-16-3038</td><td>A-4455-AB 03 A(565)</td><td></td><td>38-00-1423</td><td>A-4455-CZ03C(P909)</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td>22-16-3048</td><td>A-4455-AB 04 A(565)</td><td></td><td>38-00-1424</td><td>A-4455-CZ04C(P909)</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td>22-16-3058</td><td>A-4455-AB 05 A(565)</td><td></td><td>38-00-1425</td><td>A-4455-CZ05C(P909)</td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td>22-16-3068</td><td>A-4455-AB 06 A(565)</td><td></td><td>38-00-1426</td><td>A-4455-CZ06C(P909)</td><td></td><td>22-02-3068</td><td>A-4455-CW06A(P909)-2</td></tr><tr><td>7</td><td>22-14-3617</td><td>A-4455-AA07T(P909)</td><td></td><td>22-16-3078</td><td>A-4455-AB 07 A(565)</td><td></td><td>38-00-1427</td><td>A-4455-CZ07C(P909)</td><td></td><td>50-29-0004</td><td>A-4455-CW07A(P909)-2</td></tr><tr><td>8</td><td>22-14-3618</td><td>A-4455-AA 08 T(P909)</td><td></td><td>22-16-3088</td><td>A-4455-AB 08 A(565)</td><td></td><td>38-00-1428</td><td>A-4455-CZ08C(P909)</td><td></td><td></td><td></td></tr><tr><td>9</td><td>22-14-3619</td><td>A-4455-AA 09 T(P909)</td><td></td><td>22-16-3098</td><td>A-4455-AB 09 A(565)</td><td></td><td>38-00-1429</td><td>A-4455-CZ09C(P909)</td><td></td><td></td><td></td></tr><tr><td>10</td><td>22-14-3711</td><td>A-4455-AA 10 T(P909)</td><td></td><td>22-16-3108</td><td>A-4455-AB 10 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T(P909)</td><td></td><td>22-16-3158</td><td>A-4455-AB 15 A(565)</td><td></td><td>38-00-1435</td><td>A-4455-CZ15C(P909)</td><td></td><td></td><td></td></tr><tr><td>16</td><td>22-14-3717</td><td>A-4455-AA 16 T(P909)</td><td></td><td>22-16-3168</td><td>A-4455-AB 16 A(565)</td><td></td><td>38-00-1436</td><td>A-4455-CZ16C(P909)</td><td></td><td></td><td></td></tr><tr><td>17</td><td>22-14-3718</td><td>A-4455-AA 17 T(P909)</td><td></td><td>22-16-3178</td><td>A-4455-AB 17 A(565)</td><td></td><td>38-00-1437</td><td>A-4455-CZ17C(P909)</td><td></td><td></td><td></td></tr><tr><td>18</td><td>22-14-3719</td><td>A-4455-AA 18 T(P909)</td><td></td><td>22-16-3188</td><td>A-4455-AB 18 A(565)</td><td></td><td>38-00-1438</td><td>A-4455-CZ18C(P909)</td><td></td><td></td><td></td></tr><tr><td>19</td><td>22-14-3811</td><td>A-4455-AA 19 T(P909)</td><td></td><td>22-16-3198</td><td>A-4455-AB 19 A(565)</td><td></td><td>38-00-1439</td><td>A-4455-CZ19C(P909)</td><td></td><td></td><td></td></tr><tr><td>20</td><td>22-14-3812</td><td>A-4455-AA 20 T(P909)</td><td></td><td>22-16-3208</td><td>A-4455-AB 20 A(565)</td><td></td><td>38-00-1440</td><td>A-4455-CZ20C(P909)</td><td></td><td></td><td></td></tr><tr><td>21</td><td>22-14-3813</td><td>A-4455-AA 21 T(P909)</td><td></td><td>22-16-3218</td><td>A-4455-AB 21 A(565)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>22-14-3814</td><td>A-4455-AA 22 T(P909)</td><td></td><td>22-16-3228</td><td>A-4455-AB 22 A(565)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>22-14-3815</td><td>A-4455-AA 23 T(P909)</td><td></td><td>22-16-3238</td><td>A-4455-AB 23 A(565)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td>22-14-3816</td><td>A-4455-AA 24 T(P909)</td><td></td><td>22-16-3248</td><td>A-4455-AB 24 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A(565)		38-00-1432	A-4455-CZ12C(P909)				13	22-14-3714	A-4455-AA 13 T(P909)		22-16-3138	A-4455-AB 13 A(565)		38-00-1433	A-4455-CZ13C(P909)				14	22-14-3715	A-4455-AA 14 T(P909)		22-16-3148	A-4455-AB 14 A(565)		38-00-1434	A-4455-CZ14C(P909)				15	22-14-3716	A-4455-AA 15 T(P909)		22-16-3158	A-4455-AB 15 A(565)		38-00-1435	A-4455-CZ15C(P909)				16	22-14-3717	A-4455-AA 16 T(P909)		22-16-3168	A-4455-AB 16 A(565)		38-00-1436	A-4455-CZ16C(P909)				17	22-14-3718	A-4455-AA 17 T(P909)		22-16-3178	A-4455-AB 17 A(565)		38-00-1437	A-4455-CZ17C(P909)				18	22-14-3719	A-4455-AA 18 T(P909)		22-16-3188	A-4455-AB 18 A(565)		38-00-1438	A-4455-CZ18C(P909)				19	22-14-3811	A-4455-AA 19 T(P909)		22-16-3198	A-4455-AB 19 A(565)		38-00-1439	A-4455-CZ19C(P909)				20	22-14-3812	A-4455-AA 20 T(P909)		22-16-3208	A-4455-AB 20 A(565)		38-00-1440	A-4455-CZ20C(P909)				21	22-14-3813	A-4455-AA 21 T(P909)		22-16-3218	A-4455-AB 21 A(565)							22	22-14-3814	A-4455-AA 22 T(P909)		22-16-3228	A-4455-AB 22 A(565)							23	22-14-3815	A-4455-AA 23 T(P909)		22-16-3238	A-4455-AB 23 A(565)							24	22-14-3816	A-4455-AA 24 T(P909)		22-16-3248	A-4455-AB 24 A(565)							25				22-16-3258	A-4455-AB 25 A(565)						
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14	22-14-3715	A-4455-AA 14 T(P909)		22-16-3148	A-4455-AB 14 A(565)		38-00-1434	A-4455-CZ14C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
15	22-14-3716	A-4455-AA 15 T(P909)		22-16-3158	A-4455-AB 15 A(565)		38-00-1435	A-4455-CZ15C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
16	22-14-3717	A-4455-AA 16 T(P909)		22-16-3168	A-4455-AB 16 A(565)		38-00-1436	A-4455-CZ16C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
17	22-14-3718	A-4455-AA 17 T(P909)		22-16-3178	A-4455-AB 17 A(565)		38-00-1437	A-4455-CZ17C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
18	22-14-3719	A-4455-AA 18 T(P909)		22-16-3188	A-4455-AB 18 A(565)		38-00-1438	A-4455-CZ18C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
19	22-14-3811	A-4455-AA 19 T(P909)		22-16-3198	A-4455-AB 19 A(565)		38-00-1439	A-4455-CZ19C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
20	22-14-3812	A-4455-AA 20 T(P909)		22-16-3208	A-4455-AB 20 A(565)		38-00-1440	A-4455-CZ20C(P909)																																																																																																																																																																																																																																																																																																																																																																																												
21	22-14-3813	A-4455-AA 21 T(P909)		22-16-3218	A-4455-AB 21 A(565)																																																																																																																																																																																																																																																																																																																																																																																															
22	22-14-3814	A-4455-AA 22 T(P909)		22-16-3228	A-4455-AB 22 A(565)																																																																																																																																																																																																																																																																																																																																																																																															
23	22-14-3815	A-4455-AA 23 T(P909)		22-16-3238	A-4455-AB 23 A(565)																																																																																																																																																																																																																																																																																																																																																																																															
24	22-14-3816	A-4455-AA 24 T(P909)		22-16-3248	A-4455-AB 24 A(565)																																																																																																																																																																																																																																																																																																																																																																																															
25				22-16-3258	A-4455-AB 25 A(565)																																																																																																																																																																																																																																																																																																																																																																																															
<table><tr><td colspan="10">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="2">DIMENSION UNITS MM/IN</td><td colspan="2">SCALE 1:1</td><td colspan="4">CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.</td><td colspan="2" rowspan="2"></td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td></td><td></td><td>MM</td><td>INCH</td><td colspan="4"></td><td colspan="2"></td></tr><tr><td>4 PLACES</td><td>±</td></tr></table>										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										DIMENSION UNITS MM/IN		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.						GENERAL TOLERANCES (UNLESS SPECIFIED)						MM	INCH							4 PLACES	±																																																																																																																																																																																																																																																																																																																																																							
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F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F									
E										E									
D		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY							
		Hooks Cut:	YES		Hooks Cut:	YES		Hooks Cut:	NO		Hooks Cut:	NO							
		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-N2		Housing No:	4455-N2							
		Terminal No:	6516-4(P909)		Terminal No:	4316-4(P909)		Terminal No:	4316-3B(P909)		Terminal No:	4316-3B(208)							
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	.132 / 3.35		Dim C:	.132 / 3.35							
		Plating:	P909		Plating:	P909		Plating:	P909		Plating:	208							
		Packaging:	PK-44646-003		Packaging:	PK-44646-003		Packaging:	PK-44646-001		Packaging:	PK-44646-001							
		Voids:	NO		Voids:	YES IN CKT 2		Voids:	YES IN CKT 10		Voids:	2,3,4,6,7,8,10,11,12							
	Ckts	Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number							
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	3																		
	4																		
	5	50-29-1553	A-4455-CY 05B(P909)																
	6	50-29-1554	A-4455-CY 06B(P909)		22-15-5065	A-4455-CY06A(P909)-2													
	7																		
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	9																		
	10																		
	11							50-36-1881	A-4455-BH11D(P909)-10										
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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBER AS PER PCN#512128.

EC NO: 716046

DRWN: SANTHN

CHKD: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

2022/07/22

2022/07/29

2022/07/29

SDA-4455

PSD

001

D18

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

14 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

[illegible]