

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

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

THIRD ANGLE PROJECTION

DRAWING
B-SIZE

SERIES
4455

2022/07/22
2022/07/29
2022/07/29

1984/05/10
1984/05/10

MATERIAL NUMBER
SEE CHART

CUSTOMER
GENERAL MARKET

SHEET NUMBER
2 OF 15

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER SDA-4455	DOC TYPE PSD	DOC PART 001	REVISION D18
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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:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	RIGHT ANGLE
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-N
		Terminal No:	4316-4(P909)		Terminal No:	4316-4(565)		Terminal No:	4316-4(208)		Terminal No:	6516-4(P909)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	P909		Plating:	565		Plating:	208		Plating:	P909
		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	22-02-2025	A-4455-CZ02A(P909)		22-18-2023	A-4455-CZ02A(565)		22-18-2021	A-4455-CZ02A(208)		22-15-4025	A-4455-AZ02B(P909)
	3	22-02-2035	A-4455-CZ 03A(P909)		22-18-2033	A-4455-CZ 03 A(565)		22-18-2031	A-4455-CZ 03 A(208)		22-15-4035	A-4455-AZ 03B(P909)
	4	22-02-2045	A-4455-CZ 04A(P909)		22-18-2043	A-4455-CZ 04 A(565)		22-18-2041	A-4455-CZ 04 A(208)		22-15-4045	A-4455-AZ 04B(P909)
	5	22-02-2055	A-4455-CZ 05A(P909)		22-18-2053	A-4455-CZ 05 A(565)		22-18-2051	A-4455-CZ 05 A(208)		22-15-4055	A-4455-AZ 05B(P909)
	6	22-02-2065	A-4455-CZ 06A(P909)		22-18-2063	A-4455-CZ 06 A(565)		22-18-2061	A-4455-CZ 06 A(208)		22-15-4065	A-4455-AZ 06B(P909)
	7	22-02-2075	A-4455-CZ 07A(P909)		22-18-2073	A-4455-CZ 07 A(565)		22-18-2071	A-4455-CZ 07 A(208)		22-15-4075	A-4455-AZ 07B(P909)
	8	22-02-2085	A-4455-CZ 08 A(P909)		22-18-2083	A-4455-CZ 08 A(565)		22-18-2081	A-4455-CZ 08 A(208)		22-15-4085	A-4455-AZ 08B(P909)
	9	22-02-2095	A-4455-CZ 09 A(P909)		22-18-2093	A-4455-CZ 09 A(565)		22-18-2091	A-4455-CZ 09 A(208)		22-15-4095	A-4455-AZ 09B(P909)
	10	22-02-2105	A-4455-CZ 10 A(P909)		22-18-2103	A-4455-CZ 10 A(565)		22-18-2101	A-4455-CZ 10 A(208)		22-15-4105	A-4455-AZ 10B(P909)
	11	22-02-2115	A-4455-CZ 11 A(P909)		22-18-2113	A-4455-CZ 11 A(565)		22-18-2111	A-4455-CZ 11 A(208)		22-15-4115	A-4455-AZ 11B(P909)
	12	22-02-2125	A-4455-CZ 12 A(P909)		22-18-2123	A-4455-CZ 12 A(565)		22-18-2121	A-4455-CZ 12 A(208)		22-15-4125	A-4455-AZ 12B(P909)
	13	22-02-2135	A-4455-CZ 13 A(P909)		22-18-2133	A-4455-CZ 13 A(565)		22-18-2131	A-4455-CZ 13 A(208)		22-15-4135	A-4455-AZ 13B(P909)
	14	22-02-2145	A-4455-CZ 14 A(P909)		22-18-2143	A-4455-CZ 14 A(565)		22-18-2141	A-4455-CZ 14 A(208)		22-15-4145	A-4455-AZ 14B(P909)
	15	22-02-2155	A-4455-CZ 15 A(P909)					22-18-2151	A-4455-CZ 15 A(208)		22-15-4155	A-4455-AZ 15B(P909)
	16	22-02-2165	A-4455-CZ 16 A(P909)					22-18-2161	A-4455-CZ 16 A(208)		22-15-4165	A-4455-AZ 16B(P909)
	17	22-02-2175	A-4455-CZ 17 A(P909)					22-18-2171	A-4455-CZ 17 A(208)		22-15-4175	A-4455-AZ 17B(P909)
18	22-02-2185	A-4455-CZ 18 A(P909)		22-18-2183	A-4455-CZ 18 A(565)		22-18-2181	A-4455-CZ 18 A(208)		22-15-4185	A-4455-AZ 18B(P909)	
19	22-02-2195	A-4455-CZ 19 A(P909)					22-18-2191	A-4455-CZ 19 A(208)		22-15-4195	A-4455-AZ 19B(P909)	
20	22-02-2205	A-4455-CZ 20 A(P909)		22-18-2203	A-4455-CZ 20 A(565)		22-18-2201	A-4455-CZ 20 A(208)		22-15-4205	A-4455-AZ 20B(P909)	
21										22-15-4215	A-4455-AZ 21B(P909)	
22										22-15-4225	A-4455-AZ 22B(P909)	
23										22-15-4235	A-4455-AZ 23B(P909)	
24										22-15-4245	A-4455-AZ 24B(P909)	
25										22-15-4255	A-4455-AZ 25B(P909)	
C										C		
B												A

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	TOP ENTRY			Assy Proc:	TOP ENTRY			Assy Proc:	TOP ENTRY			Assy Proc:	RIGHT ANGLE
		Hooks Cut:	NO			Hooks Cut:	NO			Hooks Cut:	NO			Hooks Cut:	NO
		Housing No:	4455-N			Housing No:	4455-N			Housing No:	4455-4			Housing No:	4455-AN
		Terminal No:	6516-4(P909)			Terminal No:	6516-4(565)			Terminal No:	6516-4(208)			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:	P909			Plating:	565			Plating:	208			Plating:	P909
		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
						22-18-2022	A-4455-CZ02B(565)								
						22-18-2032	A-4455-CZ 03 B(565)								
						22-18-2042	A-4455-CZ 04 B(565)								
						22-18-2052	A-4455-CZ 05 B(565)								
						22-18-2062	A-4455-CZ 06 B(565)								
						22-18-2072	A-4455-CZ 07 B(565)							22-15-2075	A-4455-AA07A(P909)
						22-18-2082	A-4455-CZ 08 B(565)							22-15-2085	A-4455-AA 08A(P909)
						22-18-2092	A-4455-CZ 09 B(565)							22-15-2095	A-4455-AA 09A(P909)
						22-18-2102	A-4455-CZ 10 B(565)							22-15-2105	A-4455-AA 10A(P909)
						22-18-2112	A-4455-CZ 11 B(565)							22-15-2115	A-4455-AA 11A(P909)
						22-18-2122	A-4455-CZ 12 B(565)								
						22-18-2132	A-4455-CZ 13 B(565)							22-15-2135	A-4455-AA 13A(P909)
						22-18-2142	A-4455-CZ 14 B(565)							22-15-2145	A-4455-AA 14A(P909)
						22-18-2152	A-4455-CZ 15 B(565)							22-15-2155	A-4455-AA 15A(P909)
						22-18-2162	A-4455-CZ 16 B(565)							22-15-2165	A-4455-AA 16A(P909)
						22-18-2172	A-4455-CZ 17 B(565)							22-15-2175	A-4455-AA 17A(P909)
						22-18-2182	A-4455-CZ 18 B(565)								
						22-18-2192	A-4455-CZ 19 B(565)							22-15-2195	A-4455-AA 19A(P909)
						22-18-2202	A-4455-CZ 20 B(565)								
						22-18-2212	A-4455-CZ 21 B(565)							22-15-2215	A-4455-AA 21A(P909)
						22-18-2222	A-4455-CZ 22 B(565)							22-15-2225	A-4455-AA 22A(P909)
						22-18-2232	A-4455-CZ 23 B(565)								
						22-18-2242	A-4455-CZ 24 B(565)							22-15-2245	A-4455-AA 24A(P909)
						22-18-2252	A-4455-CZ 25 B(565)							22-15-2255	A-4455-AA 25A(P909)

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

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

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	6 OF 15

B-SIZE

4455

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		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 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		Material No	Engineer Number			Material No	Engineer Number			Material No	Engineer Number			Material No	Engineer Number
										22-15-4024	A-4455-AB02A(P909)				
										22-15-4034	A-4455-AB 03A(P909)				
										22-15-4044	A-4455-AB 04A(P909)				
										22-15-4054	A-4455-AB 05A(P909)				
						50-34-8518	A-4455-AB 06 A(228)			22-15-4064	A-4455-AB 06A(P909)				
										22-15-4074	A-4455-AB 07A(P909)				
										22-15-4084	A-4455-AB 08A(P909)				
		22-16-2096	A-4455-AA 09 A(208)							22-15-4094	A-4455-AB 09A(P909)				
														22-15-2102	A-4455-AE 10A(P909)
										22-15-4114	A-4455-AB 11A(P909)				
										22-15-4124	A-4455-AB 12A(P909)				
										22-15-4134	A-4455-AB 13A(P909)				
										22-15-4144	A-4455-AB 14A(P909)				
										22-15-4154	A-4455-AB 15A(P909)				
										22-15-4164	A-4455-AB 16A(P909)				
										22-15-4174	A-4455-AB 17A(P909)				
		22-16-2186	A-4455-AA 18 A(208)												
		22-16-2196	A-4455-AA 19 A(208)							22-15-4194	A-4455-AB 19A(P909)				
		22-16-2206	A-4455-AA 20 A(208)							22-15-4204	A-4455-AB 20A(P909)				
		22-16-2216	A-4455-AA 21 A(208)							22-15-4214	A-4455-AB 21A(P909)				
		22-16-2226	A-4455-AA 22 A(208)							22-15-4224	A-4455-AB 22A(P909)				
		22-16-2236	A-4455-AA 23 A(208)							22-15-4234	A-4455-AB 23A(P909)				
										22-15-4244	A-4455-AB 24A(P909)				
										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

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

2022/07/22

2022/07/29

2022/07/29

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

1984/05/10

1984/05/10

THIRD ANGLE PROJECTION

DRAWING

SERIES

B-SIZE

4455

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE CHART

GENERAL MARKET

7 OF 15

mo

lex

KK 100 PCB ASSY

4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																															
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<table><tr><td rowspan="9"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td><td rowspan="9"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td><td rowspan="9"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td><td rowspan="9"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td></tr><tr><td>Hooks Cut:</td><td>NO</td><td>Hooks Cut:</td><td>NO</td><td>Hooks Cut:</td><td>NO</td><td>Hooks Cut:</td><td>NO</td></tr><tr><td>Housing No:</td><td>4455-NR</td><td>Housing No:</td><td>4455-N</td><td>Housing No:</td><td>4455-N</td><td>Housing No:</td><td>4455-N</td></tr><tr><td>Terminal No:</td><td>4316-4(P909)</td><td>Terminal No:</td><td>4316-4(228)</td><td>Terminal No:</td><td>6516-4(228)</td><td>Terminal No:</td><td>6516-4(228)</td></tr><tr><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .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)				
	Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE		Assy Proc:	RIGHT ANGLE			Assy Proc:	RIGHT ANGLE																																																																																																																																																																																																																																																																																																																																																												
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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)																																																																																																																																																																																																																																																																																																																																																																		
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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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F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES										F
E											E
D		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 4316-3B(228) Dim C: 3.35 / .132 Plating: 228 Packaging: PK-44646-001 Voids: NO		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 4316-3B(231) Dim C: 3.35 / .132 Plating: 231 Packaging: PK-44646-001 Voids: NO		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 4316-3B(228) Dim C: 3.35 / .132 Plating: 228 Packaging: PK-44646-001 Voids: NO		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 6516-3B(228) Dim C: 3.35 / .132 Plating: 228 Packaging: PK-44646-001 Voids: NO			
	Ckts	Material No	Engineer Number	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)				
B											B
A											

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

[illegible]

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																													
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06B(P909)</td><td>22-15-5065</td><td>A-4455-CY06A(P909)-2</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td>50-36-1881</td><td>A-4455-BH11D(P909)-10</td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td></td><td>26-01-3099</td><td>A-4455-BH13D(208)-51</td></tr><tr><td>14</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>17</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>18</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>20</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>21</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>25</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										Ckts	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										Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	2									3									4									5	50-29-1553	A-4455-CY 05B(P909)							6	50-29-1554	A-4455-CY 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[illegible]

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	RIGHT ANGLE		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY
		Hooks Cut:	NO		Hooks Cut:	YES		Hooks Cut:	YES		Hooks Cut:	YES
		Housing No:	4455-BN		Housing No:	4455-BN		Housing No:	4455-NR		Housing No:	4455-N
		Terminal No:	4316-4(P909)		Terminal No:	4316-4(P909)		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:	P909		Plating:	P909		Plating:	P909		Plating:	P909
		Packaging:	PK-44646-002		Packaging:	PK-44646-006		Packaging:	PK-44646-003		Packaging:	44551000-PK
		Voids:	3,6,12,15		Voids:	NO		Voids:	NO		Voids:	NO
Ckts		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
2												
3					46999-0585	A-4455-CG03A(P909)					22-02-2031	A-4455-CY 03A(P909)
4					46999-0583	A-4455-CG04A(P909)						
5												
6					46999-0584	A-4455-CG06A(P909)						
7												
8								46999-0599	A-4455-CP 08A(P909)			
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10												
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12												
13												
14					46999-0586	A-4455-CG14A(P909)						
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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

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

15 OF 15