

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 components.

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

[illegible]

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

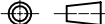
Code	Number	Material	Form
A	4316-4	Brass	Standard
B	6516-4	Phos Bronze	Standard
C	6516-5C	Phos Bronze	Cat Ear / V
D	4316-3B	Brass	Std / V
F	6516-6C	Phos Bronze	Cat Ear / V
G	4316-3	Brass	Standard
J	6516-3B	Phos Bronze	Std / V
L	6516-3C	Phos Bronze	Cat Ear / V
M	6516-4A	Phos Bronze	Cat Ear
T	4316-4A	Brass	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		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 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: SAMIEC APPR: LENZ				KK 100 PCB ASSY 4455 SERIES DWG				
		MM	INCH					PRODUCT CUSTOMER DRAWING				
4 PLACES	±		±					2022/07/22				
3 PLACES	±		± 0.01					2022/07/29				
2 PLACES	±	0.25	± 0.015					2022/07/29				
1 PLACE	±	0.36	±	1984/05/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±			1984/05/10				SDA-4455		PSD	001	D18
ANGULAR TOL ± 0.5 °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				B-SIZE		4455	SEE CHART		GENERAL MARKET		2 OF 15	

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29	12:32:02
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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										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 MM/IN SCALE 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>± 0.01</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± 0.015</td></tr><tr><td>1 PLACE</td><td>± 0.36</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td colspan="3">ANGULAR TOL ± 0.5 °</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table> 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 THIRD ANGLE PROJECTION B-SIZE DRAWING SERIES 4455 DOCUMENT NUMBER SDA-4455 DOC TYPE PSD DOC PART 001 REVISION D18 MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET SHEET NUMBER 4 OF 15													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		
	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																																			
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

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 15

10	9	8	7	6	5	4	3	2	1																																																																			
F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F																																																																		
E	Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-N Terminal No: 6516-4(565) Dim C: 3.35 / .132 Plating: 565 Packaging: PK-44646-001 Voids: NONE		Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-N Terminal No: 6516-4(208) Dim C: 3.35 / .132 Plating: 208 Packaging: PK-44646-001 Voids: NONE		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 6516-3B(565) Dim C: 3.35 / .132 Plating: 565 Packaging: PK-44646-001 Voids: NONE		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 6516-3B(208) Dim C: 3.35 / .132 Plating: 208 Packaging: PK-44646-001 Voids: NONE		E																																																																			
D	Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	D																																																																		
	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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS MM/IN</td><td colspan="2">SCALE 1:1</td><td colspan="2" rowspan="4">CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.</td><td colspan="2" rowspan="4"> molex KK 100 PCB ASSY 4455 SERIES DWG </td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td></td><td>MM</td><td colspan="2">INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>± 0.01</td><td colspan="2" rowspan="4">EC NO: 716046 DRWN: SANTHN 2022/07/22 CHK'D: GGA 2022/07/29 APPR: GGA 2022/07/29</td><td colspan="2" rowspan="4">PRODUCT CUSTOMER DRAWING</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.25</td><td>± 0.015</td></tr><tr><td>1 PLACE</td><td>±</td><td>0.36</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td colspan="4">ANGULAR TOL ± 0.5 °</td><td colspan="2" rowspan="3">THIRD ANGLE PROJECTION</td><td colspan="2" rowspan="3">DRAWING B-SIZE</td><td colspan="2" rowspan="3">SERIES 4455</td><td colspan="2" rowspan="3">DOCUMENT NUMBER SDA-4455</td><td colspan="2" rowspan="3">DOC TYPE PSD</td><td colspan="2" rowspan="3">DOC PART 001</td><td colspan="2" rowspan="3">REVISION D18</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr><tr><td colspan="4"></td></tr></table>									DIMENSION UNITS MM/IN		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.		molex KK 100 PCB ASSY 4455 SERIES DWG		GENERAL TOLERANCES (UNLESS SPECIFIED)					MM	INCH		4 PLACES	±		±	3 PLACES	±		± 0.01	EC NO: 716046 DRWN: SANTHN 2022/07/22 CHK'D: GGA 2022/07/29 APPR: GGA 2022/07/29		PRODUCT CUSTOMER DRAWING		2 PLACES	±	0.25	± 0.015	1 PLACE	±	0.36	±	0 PLACES	±		±	ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING B-SIZE		SERIES 4455		DOCUMENT NUMBER SDA-4455		DOC TYPE PSD		DOC PART 001		REVISION D18		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								A
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.132</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>565</td><td>Plating:</td><td>208</td><td>Plating:</td><td>P909</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></tr><tr><td>2</td><td></td><td></td><td>22-18-2022</td><td>A-4455-CZ02B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td>22-18-2032</td><td>A-4455-CZ 03 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td>22-18-2042</td><td>A-4455-CZ 04 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td>22-18-2052</td><td>A-4455-CZ 05 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td>22-18-2062</td><td>A-4455-CZ 06 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td>22-18-2072</td><td>A-4455-CZ 07 B(565)</td><td></td><td></td><td>22-15-2075</td><td>A-4455-AA07A(P909)</td></tr><tr><td>8</td><td></td><td></td><td>22-18-2082</td><td>A-4455-CZ 08 B(565)</td><td></td><td></td><td>22-15-2085</td><td>A-4455-AA 08A(P909)</td></tr><tr><td>9</td><td></td><td></td><td>22-18-2092</td><td>A-4455-CZ 09 B(565)</td><td></td><td></td><td>22-15-2095</td><td>A-4455-AA 09A(P909)</td></tr><tr><td>10</td><td></td><td></td><td>22-18-2102</td><td>A-4455-CZ 10 B(565)</td><td></td><td></td><td>22-15-2105</td><td>A-4455-AA 10A(P909)</td></tr><tr><td>11</td><td></td><td></td><td>22-18-2112</td><td>A-4455-CZ 11 B(565)</td><td></td><td></td><td>22-15-2115</td><td>A-4455-AA 11A(P909)</td></tr><tr><td>12</td><td></td><td></td><td>22-18-2122</td><td>A-4455-CZ 12 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td>22-18-2132</td><td>A-4455-CZ 13 B(565)</td><td></td><td></td><td>22-15-2135</td><td>A-4455-AA 13A(P909)</td></tr><tr><td>14</td><td></td><td></td><td>22-18-2142</td><td>A-4455-CZ 14 B(565)</td><td></td><td></td><td>22-15-2145</td><td>A-4455-AA 14A(P909)</td></tr><tr><td>15</td><td></td><td></td><td>22-18-2152</td><td>A-4455-CZ 15 B(565)</td><td></td><td></td><td>22-15-2155</td><td>A-4455-AA 15A(P909)</td></tr><tr><td>16</td><td></td><td></td><td>22-18-2162</td><td>A-4455-CZ 16 B(565)</td><td></td><td></td><td>22-15-2165</td><td>A-4455-AA 16A(P909)</td></tr><tr><td>17</td><td></td><td></td><td>22-18-2172</td><td>A-4455-CZ 17 B(565)</td><td></td><td></td><td>22-15-2175</td><td>A-4455-AA 17A(P909)</td></tr><tr><td>18</td><td></td><td></td><td>22-18-2182</td><td>A-4455-CZ 18 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td></td><td></td><td>22-18-2192</td><td>A-4455-CZ 19 B(565)</td><td></td><td></td><td>22-15-2195</td><td>A-4455-AA 19A(P909)</td></tr><tr><td>20</td><td></td><td></td><td>22-18-2202</td><td>A-4455-CZ 20 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>21</td><td></td><td></td><td>22-18-2212</td><td>A-4455-CZ 21 B(565)</td><td></td><td></td><td>22-15-2215</td><td>A-4455-AA 21A(P909)</td></tr><tr><td>22</td><td></td><td></td><td>22-18-2222</td><td>A-4455-CZ 22 B(565)</td><td></td><td></td><td>22-15-2225</td><td>A-4455-AA 22A(P909)</td></tr><tr><td>23</td><td></td><td></td><td>22-18-2232</td><td>A-4455-CZ 23 B(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td></td><td></td><td>22-18-2242</td><td>A-4455-CZ 24 B(565)</td><td></td><td></td><td>22-15-2245</td><td>A-4455-AA 24A(P909)</td></tr><tr><td>25</td><td></td><td></td><td>22-18-2252</td><td>A-4455-CZ 25 B(565)</td><td></td><td></td><td>22-15-2255</td><td>A-4455-AA 25A(P909)</td></tr></table>											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	2			22-18-2022	A-4455-CZ02B(565)					3			22-18-2032	A-4455-CZ 03 B(565)					4			22-18-2042	A-4455-CZ 04 B(565)					5			22-18-2052	A-4455-CZ 05 B(565)					6			22-18-2062	A-4455-CZ 06 B(565)					7			22-18-2072	A-4455-CZ 07 B(565)			22-15-2075	A-4455-AA07A(P909)	8			22-18-2082	A-4455-CZ 08 B(565)			22-15-2085	A-4455-AA 08A(P909)	9			22-18-2092	A-4455-CZ 09 B(565)			22-15-2095	A-4455-AA 09A(P909)	10			22-18-2102	A-4455-CZ 10 B(565)			22-15-2105	A-4455-AA 10A(P909)	11			22-18-2112	A-4455-CZ 11 B(565)			22-15-2115	A-4455-AA 11A(P909)	12			22-18-2122	A-4455-CZ 12 B(565)					13			22-18-2132	A-4455-CZ 13 B(565)			22-15-2135	A-4455-AA 13A(P909)	14			22-18-2142	A-4455-CZ 14 B(565)			22-15-2145	A-4455-AA 14A(P909)	15			22-18-2152	A-4455-CZ 15 B(565)			22-15-2155	A-4455-AA 15A(P909)	16			22-18-2162	A-4455-CZ 16 B(565)			22-15-2165	A-4455-AA 16A(P909)	17			22-18-2172	A-4455-CZ 17 B(565)			22-15-2175	A-4455-AA 17A(P909)	18			22-18-2182	A-4455-CZ 18 B(565)					19			22-18-2192	A-4455-CZ 19 B(565)			22-15-2195	A-4455-AA 19A(P909)	20			22-18-2202	A-4455-CZ 20 B(565)					21			22-18-2212	A-4455-CZ 21 B(565)			22-15-2215	A-4455-AA 21A(P909)	22			22-18-2222	A-4455-CZ 22 B(565)			22-15-2225	A-4455-AA 22A(P909)	23			22-18-2232	A-4455-CZ 23 B(565)					24			22-18-2242	A-4455-CZ 24 B(565)			22-15-2245	A-4455-AA 24A(P909)	25			22-18-2252	A-4455-CZ 25 B(565)			22-15-2255	A-4455-AA 25A(P909)
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9			22-18-2092	A-4455-CZ 09 B(565)			22-15-2095	A-4455-AA 09A(P909)																																																																																																																																																																																																																																																																																																														
10			22-18-2102	A-4455-CZ 10 B(565)			22-15-2105	A-4455-AA 10A(P909)																																																																																																																																																																																																																																																																																																														
11			22-18-2112	A-4455-CZ 11 B(565)			22-15-2115	A-4455-AA 11A(P909)																																																																																																																																																																																																																																																																																																														
12			22-18-2122	A-4455-CZ 12 B(565)																																																																																																																																																																																																																																																																																																																		
13			22-18-2132	A-4455-CZ 13 B(565)			22-15-2135	A-4455-AA 13A(P909)																																																																																																																																																																																																																																																																																																														
14			22-18-2142	A-4455-CZ 14 B(565)			22-15-2145	A-4455-AA 14A(P909)																																																																																																																																																																																																																																																																																																														
15			22-18-2152	A-4455-CZ 15 B(565)			22-15-2155	A-4455-AA 15A(P909)																																																																																																																																																																																																																																																																																																														
16			22-18-2162	A-4455-CZ 16 B(565)			22-15-2165	A-4455-AA 16A(P909)																																																																																																																																																																																																																																																																																																														
17			22-18-2172	A-4455-CZ 17 B(565)			22-15-2175	A-4455-AA 17A(P909)																																																																																																																																																																																																																																																																																																														
18			22-18-2182	A-4455-CZ 18 B(565)																																																																																																																																																																																																																																																																																																																		
19			22-18-2192	A-4455-CZ 19 B(565)			22-15-2195	A-4455-AA 19A(P909)																																																																																																																																																																																																																																																																																																														
20			22-18-2202	A-4455-CZ 20 B(565)																																																																																																																																																																																																																																																																																																																		
21			22-18-2212	A-4455-CZ 21 B(565)			22-15-2215	A-4455-AA 21A(P909)																																																																																																																																																																																																																																																																																																														
22			22-18-2222	A-4455-CZ 22 B(565)			22-15-2225	A-4455-AA 22A(P909)																																																																																																																																																																																																																																																																																																														
23			22-18-2232	A-4455-CZ 23 B(565)																																																																																																																																																																																																																																																																																																																		
24			22-18-2242	A-4455-CZ 24 B(565)			22-15-2245	A-4455-AA 24A(P909)																																																																																																																																																																																																																																																																																																														
25			22-18-2252	A-4455-CZ 25 B(565)			22-15-2255	A-4455-AA 25A(P909)																																																																																																																																																																																																																																																																																																														
<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" rowspan="5">EC NO: 716046 DRWN: SANTHN 2022/07/22 CHK'D: GGA 2022/07/29 APPR: GGA 2022/07/29 INITIAL REVISION: DRWN: SAMIEC 1984/05/10 APPR: LENZ 1984/05/10</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2">SDA-4455</td><td>PSD</td><td>001</td><td>D18</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>± 0.01</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>2 PLACES</td><td>±</td><td>0.25</td><td>± 0.015</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>1 PLACE</td><td>±</td><td>0.36</td><td>±</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4">ANGULAR TOL ± 0.5 °</td><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2"></td><td>B-SIZE</td><td>4455</td><td>SEE CHART</td><td colspan="2">GENERAL MARKET</td><td colspan="2">6 OF 15</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	EC NO: 716046 DRWN: SANTHN 2022/07/22 CHK'D: GGA 2022/07/29 APPR: GGA 2022/07/29 INITIAL REVISION: DRWN: SAMIEC 1984/05/10 APPR: LENZ 1984/05/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	4 PLACES	±		±	SDA-4455		PSD	001	D18	3 PLACES	±		± 0.01						2 PLACES	±	0.25	± 0.015						1 PLACE	±	0.36	±						0 PLACES	±		±									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	GENERAL MARKET		6 OF 15																																																																																																																																																																																															
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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:	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)						
B										B							
A										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			A				
	DOCUMENT STATUS			P1	RELEASE DATE	2022/07/29 12:32:02	DIMENSION UNITS			SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.			molex			
							GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 716046			
														DRWN: SANTHN 2022/07/22			
														CHKD: GGA 2022/07/29			
														APPR: GGA 2022/07/29			
														INITIAL REVISION:			
														DRWN: SAMIEC 1984/05/10			
														APPR: LENZ 1984/05/10			
														DOCUMENT NUMBER			
												SDA-4455					
												DOC TYPE					
												PSD					
												DOC PART					
												001					
												REVISION					
												D18					
												SHEET NUMBER					
												7 OF 15					

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-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
		22-15-4022	A-4455-AR02A(P909)							22-17-5023	A-4455-AZ02B(228)				
		22-15-4032	A-4455-AR 03 A(P909)							22-17-5033	A-4455-AZ 03 B(228)				
		22-15-4042	A-4455-AR 04 A(P909)							22-17-5043	A-4455-AZ 04 B(228)				
		22-15-4052	A-4455-AR 05 A(P909)												
		22-15-4062	A-4455-AR 06 A(P909)							22-17-5063	A-4455-AZ 06 B(228)				
		22-15-4072	A-4455-AR 07 A(P909)							22-17-5073	A-4455-AZ 07 B(228)				
		22-15-4082	A-4455-AR 08 A(P909)							22-17-5083	A-4455-AZ 08 B(228)				
		22-15-4092	A-4455-AR 09 A(P909)							22-17-5093	A-4455-AZ 09 B(228)				
		22-15-4102	A-4455-AR 10 A(P909)							22-17-5103	A-4455-AZ 10 B(228)				
		22-15-4112	A-4455-AR 11 A(P909)							22-17-5113	A-4455-AZ 11 B(228)				
		22-15-4122	A-4455-AR 12 A(P909)							22-17-5123	A-4455-AZ 12 B(228)				
		22-15-4132	A-4455-AR 13 A(P909)							22-17-5133	A-4455-AZ 13 B(228)				
		22-15-4142	A-4455-AR 14 A(P909)							22-17-5143	A-4455-AZ 14 B(228)				
		22-15-4152	A-4455-AR 15 A(P909)							22-17-5153	A-4455-AZ 15 B(228)				
		22-15-4162	A-4455-AR 16 A(P909)							22-17-5163	A-4455-AZ 16 B(228)				
		22-15-4172	A-4455-AR 17 A(P909)							22-17-5173	A-4455-AZ 17 B(228)				
		22-15-4182	A-4455-AR 18 A(P909)							22-17-5183	A-4455-AZ 18 B(228)				
		22-15-4192	A-4455-AR 19 A(P909)							22-17-5193	A-4455-AZ 19 B(228)				
		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)				
		22-15-4212	A-4455-AR 21 A(P909)							22-17-5213	A-4455-AZ 21 B(228)				
		22-15-4222	A-4455-AR 22 A(P909)							22-17-5223	A-4455-AZ 22 B(228)				
		22-15-4232	A-4455-AR 23 A(P909)							22-17-5233	A-4455-AZ 23 B(228)				
		22-15-4242	A-4455-AR 24 A(P909)							22-17-5243	A-4455-AZ 24 B(228)				
		22-15-4252	A-4455-AR 25 A(P909)							22-17-5253	A-4455-AZ 25 B(228)				

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

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

8 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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: MM/IN SCALE: 1:1										
CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.										
GENERAL TOLERANCES (UNLESS SPECIFIED)										
4 PLACES ± 0.25 ± 0.015										
3 PLACES ± 0.25 ± 0.015										
2 PLACES ± 0.25 ± 0.015										
1 PLACE ± 0.36 ± 0.015										
0 PLACES ± 0.36 ± 0.015										
ANGULAR TOL ± 0.5 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
THIRD ANGLE PROJECTION										
DRAWING B-SIZE										
SERIES 4455										
MATERIAL NUMBER SEE CHART										
CUSTOMER GENERAL MARKET										
SHEET NUMBER 9 OF 15										
EC NO: 716046										
DRWN: SANTHN 2022/07/22										
CHKD: GGA 2022/07/29										
APPR: GGA 2022/07/29										
INITIAL REVISION:										
DRWN: SAMIEC 1984/05/10										
APPR: LENZ 1984/05/10										
PRODUCT CUSTOMER DRAWING										
DOCUMENT NUMBER SDA-4455										
DOC TYPE PSD										
DOC PART 001										
REVISION D18										
DOCUMENT STATUS P1 RELEASE DATE 2022/07/29 12:32:02										
9 8 7 6 5 4 3 2 1										
FORMAT: Eng-lega-master-lb-prod-B										
REVISION: E1										
DATE: 2021/05/01										

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

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

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

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

10 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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)												
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE MM/IN 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) MM INCH 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± ANGULAR TOL ± 0.5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES 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 DOCUMENT NUMBER DOC TYPE DOC PART REVISION SDA-4455 PSD 001 D18 MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE CHART GENERAL MARKET 11 OF 15																							
A	DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29	12:32:02	9	8	7	6	5	4	3	2	1	A									

[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	<table><tr><td rowspan="8"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td><td rowspan="8"></td><td>Assy Proc:</td><td>RIGHT ANGLE</td><td rowspan="8"></td><td>Assy Proc:</td><td>TOP ENTRY</td><td rowspan="8"></td><td>Assy Proc:</td><td>TOP ENTRY</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>YES</td></tr><tr><td>Housing No:</td><td>4455-AN</td><td>Housing No:</td><td>4455-BN</td><td>Housing No:</td><td>4455-N</td><td>Housing No:</td><td>4455-N-02</td></tr><tr><td>Terminal No:</td><td>4316-4A(P909)</td><td>Terminal No:</td><td>4316-4(565)</td><td>Terminal No:</td><td>6516-5C(P909)</td><td>Terminal No:</td><td>4316-4(P909)</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±1.00/.132±.039</td><td>Dim C:</td><td>3.35 / .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>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></tr><tr><td>2</td><td></td><td></td><td>22-16-3028</td><td>A-4455-AB02A(565)</td><td>38-00-1422</td><td>A-4455-CZ02C(P909)</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td>22-16-3038</td><td>A-4455-AB 03 A(565)</td><td>38-00-1423</td><td>A-4455-CZ03C(P909)</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td>22-16-3048</td><td>A-4455-AB 04 A(565)</td><td>38-00-1424</td><td>A-4455-CZ04C(P909)</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td>22-16-3058</td><td>A-4455-AB 05 A(565)</td><td>38-00-1425</td><td>A-4455-CZ05C(P909)</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td>22-16-3068</td><td>A-4455-AB 06 A(565)</td><td>38-00-1426</td><td>A-4455-CZ06C(P909)</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>22-16-3078</td><td>A-4455-AB 07 A(565)</td><td>38-00-1427</td><td>A-4455-CZ07C(P909)</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>22-16-3088</td><td>A-4455-AB 08 A(565)</td><td>38-00-1428</td><td>A-4455-CZ08C(P909)</td><td></td><td></td></tr><tr><td>9</td><td>22-14-3619</td><td>A-4455-AA 09 T(P909)</td><td>22-16-3098</td><td>A-4455-AB 09 A(565)</td><td>38-00-1429</td><td>A-4455-CZ09C(P909)</td><td></td><td></td></tr><tr><td>10</td><td>22-14-3711</td><td>A-4455-AA 10 T(P909)</td><td>22-16-3108</td><td>A-4455-AB 10 A(565)</td><td>38-00-1430</td><td>A-4455-CZ10C(P909)</td><td></td><td></td></tr><tr><td>11</td><td>22-14-3712</td><td>A-4455-AA 11 T(P909)</td><td>22-16-3118</td><td>A-4455-AB 11 A(565)</td><td>38-00-1431</td><td>A-4455-CZ11C(P909)</td><td></td><td></td></tr><tr><td>12</td><td>22-14-3713</td><td>A-4455-AA 12 T(P909)</td><td>22-16-3128</td><td>A-4455-AB 12 A(565)</td><td>38-00-1432</td><td>A-4455-CZ12C(P909)</td><td></td><td></td></tr><tr><td>13</td><td>22-14-3714</td><td>A-4455-AA 13 T(P909)</td><td>22-16-3138</td><td>A-4455-AB 13 A(565)</td><td>38-00-1433</td><td>A-4455-CZ13C(P909)</td><td></td><td></td></tr><tr><td>14</td><td>22-14-3715</td><td>A-4455-AA 14 T(P909)</td><td>22-16-3148</td><td>A-4455-AB 14 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A(565)	38-00-1424	A-4455-CZ04C(P909)			5			22-16-3058	A-4455-AB 05 A(565)	38-00-1425	A-4455-CZ05C(P909)			6			22-16-3068	A-4455-AB 06 A(565)	38-00-1426	A-4455-CZ06C(P909)	22-02-3068	A-4455-CW06A(P909)-2	7	22-14-3617	A-4455-AA07T(P909)	22-16-3078	A-4455-AB 07 A(565)	38-00-1427	A-4455-CZ07C(P909)	50-29-0004	A-4455-CW07A(P909)-2	8	22-14-3618	A-4455-AA 08 T(P909)	22-16-3088	A-4455-AB 08 A(565)	38-00-1428	A-4455-CZ08C(P909)			9	22-14-3619	A-4455-AA 09 T(P909)	22-16-3098	A-4455-AB 09 A(565)	38-00-1429	A-4455-CZ09C(P909)			10	22-14-3711	A-4455-AA 10 T(P909)	22-16-3108	A-4455-AB 10 A(565)	38-00-1430	A-4455-CZ10C(P909)			11	22-14-3712	A-4455-AA 11 T(P909)	22-16-3118	A-4455-AB 11 A(565)	38-00-1431	A-4455-CZ11C(P909)			12	22-14-3713	A-4455-AA 12 T(P909)	22-16-3128	A-4455-AB 12 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 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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>											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	2									3									4									5	50-29-1553	A-4455-CY 05B(P909)							6	50-29-1554	A-4455-CY 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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

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

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

SDA-4455

PSD

001

D18

SEE CHART

GENERAL MARKET

15 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