

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

[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

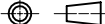
Code	Number	Material	Form
A	4316-4	Brass	Standard
B	6516-4	Phos Bronze	Standard
C	6516-5C	Phos Bronze	Cat Ear / V
D	4316-3B	Brass	Std / V
F	6516-6C	Phos Bronze	Cat Ear / V
G	4316-3	Brass	Standard
J	6516-3B	Phos Bronze	Std / V
L	6516-3C	Phos Bronze	Cat Ear / V
M	6516-4A	Phos Bronze	Cat Ear
T	4316-4A	Brass	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)								KK 100 PCB ASSY 4455 SERIES DWG			
	MM		INCH								
4 PLACES	±		±								
3 PLACES	±		± 0.01								
2 PLACES	±	0.25	± 0.015	EC NO: 716046 DRWN: SANTHN CHK'D: GGA APPR: GGA 2022/07/22 2022/07/29 2022/07/29				PRODUCT CUSTOMER DRAWING			
1 PLACE	±	0.36	±								
0 PLACES	±										
ANGULAR TOL ± 0.5 °											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
DRWN: SAMIEC APPR: LENZ 1984/05/10 1984/05/10				SDA-4455				PSD	001	D18	
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				B-SIZE		4455		SEE CHART		GENERAL MARKET	
										SHEET NUMBER	
										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 Hooks Cut: NO Housing No: 4455-N Terminal No: 4316-4(P909) Dim C: 3.35 / .132 Plating: P909 Packaging: PK-44646-001 Voids: NONE		Assy Proc: TOP ENTRY Hooks Cut: NO Housing No: 4455-N Terminal No: 4316-4(565) Dim C: 3.35 / .132 Plating: 565 Packaging: PK-44646-001 Voids: NONE		Assy Proc: TOP ENTRY Hooks Cut: NO Housing No: 4455-N Terminal No: 4316-4(208) Dim C: 3.35 / .132 Plating: 208 Packaging: PK-44646-001 Voids: NONE		Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-N Terminal No: 6516-4(P909) Dim C: 3.35 / .132 Plating: P909 Packaging: PK-44646-001 Voids: NONE		C		
	Ckts	Material No Engineer Number		Material No Engineer Number		Material No Engineer Number		Material No Engineer Number				
	2	22-02-2025A-4455-CZ02A(P909)		22-18-2023A-4455-CZ02A(565)		22-18-2021A-4455-CZ02A(208)		22-15-4025A-4455-AZ02B(P909)				
	3	22-02-2035A-4455-CZ 03A(P909)		22-18-2033A-4455-CZ 03 A(565)		22-18-2031A-4455-CZ 03 A(208)		22-15-4035A-4455-AZ 03B(P909)				
	4	22-02-2045A-4455-CZ 04A(P909)		22-18-2043A-4455-CZ 04 A(565)		22-18-2041A-4455-CZ 04 A(208)		22-15-4045A-4455-AZ 04B(P909)				
	5	22-02-2055A-4455-CZ 05A(P909)		22-18-2053A-4455-CZ 05 A(565)		22-18-2051A-4455-CZ 05 A(208)		22-15-4055A-4455-AZ 05B(P909)				
	6	22-02-2065A-4455-CZ 06A(P909)		22-18-2063A-4455-CZ 06 A(565)		22-18-2061A-4455-CZ 06 A(208)		22-15-4065A-4455-AZ 06B(P909)				
	7	22-02-2075A-4455-CZ 07A(P909)		22-18-2073A-4455-CZ 07 A(565)		22-18-2071A-4455-CZ 07 A(208)		22-15-4075A-4455-AZ 07B(P909)				
	8	22-02-2085A-4455-CZ 08 A(P909)		22-18-2083A-4455-CZ 08 A(565)		22-18-2081A-4455-CZ 08 A(208)		22-15-4085A-4455-AZ 08B(P909)				
	9	22-02-2095A-4455-CZ 09 A(P909)		22-18-2093A-4455-CZ 09 A(565)		22-18-2091A-4455-CZ 09 A(208)		22-15-4095A-4455-AZ 09B(P909)				
C	10	22-02-2105A-4455-CZ 10 A(P909)		22-18-2103A-4455-CZ 10 A(565)		22-18-2101A-4455-CZ 10 A(208)		22-15-4105A-4455-AZ 10B(P909)		B		
	11	22-02-2115A-4455-CZ 11 A(P909)		22-18-2113A-4455-CZ 11 A(565)		22-18-2111A-4455-CZ 11 A(208)		22-15-4115A-4455-AZ 11B(P909)				
	12	22-02-2125A-4455-CZ 12 A(P909)		22-18-2123A-4455-CZ 12 A(565)		22-18-2121A-4455-CZ 12 A(208)		22-15-4125A-4455-AZ 12B(P909)				
	13	22-02-2135A-4455-CZ 13 A(P909)		22-18-2133A-4455-CZ 13 A(565)		22-18-2131A-4455-CZ 13 A(208)		22-15-4135A-4455-AZ 13B(P909)				
	14	22-02-2145A-4455-CZ 14 A(P909)		22-18-2143A-4455-CZ 14 A(565)		22-18-2141A-4455-CZ 14 A(208)		22-15-4145A-4455-AZ 14B(P909)				
	15	22-02-2155A-4455-CZ 15 A(P909)				22-18-2151A-4455-CZ 15 A(208)		22-15-4155A-4455-AZ 15B(P909)				
	16	22-02-2165A-4455-CZ 16 A(P909)				22-18-2161A-4455-CZ 16 A(208)		22-15-4165A-4455-AZ 16B(P909)				
	17	22-02-2175A-4455-CZ 17 A(P909)				22-18-2171A-4455-CZ 17 A(208)		22-15-4175A-4455-AZ 17B(P909)				
	18	22-02-2185A-4455-CZ 18 A(P909)		22-18-2183A-4455-CZ 18 A(565)		22-18-2181A-4455-CZ 18 A(208)		22-15-4185A-4455-AZ 18B(P909)				
	19	22-02-2195A-4455-CZ 19 A(P909)				22-18-2191A-4455-CZ 19 A(208)		22-15-4195A-4455-AZ 19B(P909)				
B	20	22-02-2205A-4455-CZ 20 A(P909)		22-18-2203A-4455-CZ 20 A(565)		22-18-2201A-4455-CZ 20 A(208)		22-15-4205A-4455-AZ 20B(P909)				
	21							22-15-4215A-4455-AZ 21B(P909)				
	22							22-15-4225A-4455-AZ 22B(P909)				
	23							22-15-4235A-4455-AZ 23B(P909)				
	24							22-15-4245A-4455-AZ 24B(P909)				
	25							22-15-4255A-4455-AZ 25B(P909)				
A	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 ± ± 0.01 2 PLACES ± 0.25 ± 0.015 1 PLACE ± 0.36 ± 0 PLACES ± ± ANGULAR TOL ± 0.5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES B-SIZE 4455 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 DOCUMENT NUMBER DOC TYPE DOC PART REVISION SDA-4455 PSD 001 D18 PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER DOC TYPE DOC PART REVISION SDA-4455 PSD 001 D18 DOCUMENT STATUS P1 RELEASE DATE 2022/07/29 12:32:02											A
	9	8	7	6	5	4	3	2	1			

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)

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

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

EC NO: 716046

DRWN: SANTHN

CHKD: GGA

APPR: GGA

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

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 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)				
C											C
B											B
A											A
	DOCUMENT STATUS P1 RELEASE DATE 2022/07/29 12:32:02	9	8	7	6	5	4	3	2	1	

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

molex

KK 100 PCB ASSY

4455 SERIES DWG

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

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

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

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

EC NO: 716046

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

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

SDA-4455 PSD 001 D18

10		9		8		7		6		5		4		3		2		1					
KK 100 PCB ASSY 2-25 CKT 4455 SERIES																							
		Assy Proc:		RIGHT ANGLE				Assy Proc:		RIGHT ANGLE				Assy Proc:		TOP ENTRY				Assy Proc:		TOP ENTRY	
		Hooks Cut:		NO				Hooks Cut:		NO				Hooks Cut:		NO				Hooks Cut:		YES	
		Housing No:		4455-AN				Housing No:		4455-BN				Housing No:		4455-N				Housing No:		4455-N-02	
		Terminal No:		4316-4A(P909)				Terminal No:		4316-4(565)				Terminal No:		6516-5C(P909)				Terminal No:		4316-4(P909)	
		Dim C:		3.35 / .132				Dim C:		3.35 / .132				Dim C:		3.35±1.00/.132±.039				Dim C:		3.35 / .132	
		Plating:		P909				Plating:		565				Plating:		P909				Plating:		P909	
		Packaging:		PK-44646-001				Packaging:		PK-44646-002				Packaging:		PK-44646-001				Packaging:		PK-44646-003	
		Voids:		NO				Voids:		NO				Voids:		NO				Voids:		YES IN CKT 2	
Ckts		Material No		Engineer Number		Material No		Engineer Number		Material No		Engineer Number		Material No		Engineer Number							
2						22-16-3028		A-4455-AB02A(565)		38-00-1422		A-4455-CZ02C(P909)											
3						22-16-3038		A-4455-AB 03 A(565)		38-00-1423		A-4455-CZ03C(P909)											
4						22-16-3048		A-4455-AB 04 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 A(565)		38-00-1434		A-4455-CZ14C(P909)											
15		22-14-3716		A-4455-AA 15 T(P909)		22-16-3158		A-4455-AB 15 A(565)		38-00-1435		A-4455-CZ15C(P909)											
16		22-14-3717		A-4455-AA 16 T(P909)		22-16-3168		A-4455-AB 16 A(565)		38-00-1436		A-4455-CZ16C(P909)											
17		22-14-3718		A-4455-AA 17 T(P909)		22-16-3178		A-4455-AB 17 A(565)		38-00-1437		A-4455-CZ17C(P909)											
18		22-14-3719		A-4455-AA 18 T(P909)		22-16-3188		A-4455-AB 18 A(565)		38-00-1438		A-4455-CZ18C(P909)											
19		22-14-3811		A-4455-AA 19 T(P909)		22-16-3198		A-4455-AB 19 A(565)		38-00-1439		A-4455-CZ19C(P909)											
20		22-14																					

[illegible][illegible]

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