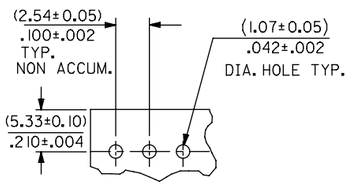
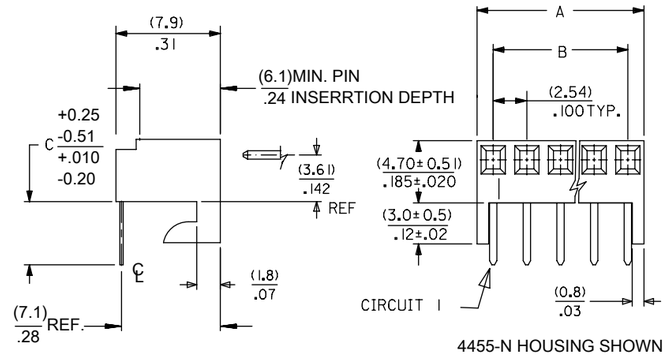
NO. OF CKTS.	DIM. A	DIM. B
1	(2.44± .15) .096± .006	—
2	(4.98± .15) .196± .006	(2.54± .10) .100± .004
3	(7.52± .15) .296±.006	(5.08± .10) .200 ±.004
4	(10.06± .15) .396 ±.006	(7.62 ± .10) .300 ± .004
5	(12.60± .18) .496 ± .007	(10.16 ± .13) .400 ± .005
6	(15.14± .18) .596± .007	(12.70± .13) .500 ± .005
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

ASS'Y. PROC. A
RIGHT ANGLE

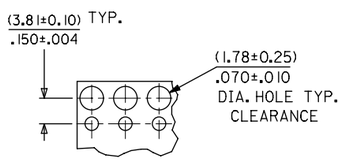


RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. A

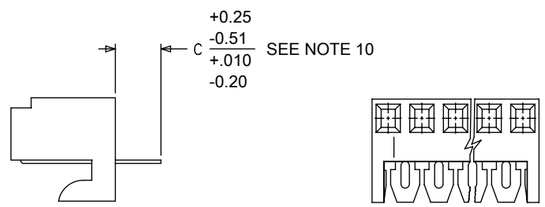


4455-N HOUSING SHOWN

ASS'Y. PROC. B
BOTTOM ENTRY

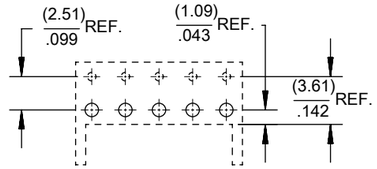


RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. B

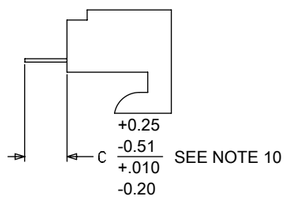


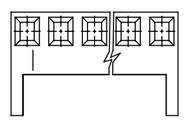
4455-N2 HOUSING SHOWN

ASS'Y. PROC. C
TOP ENTRY



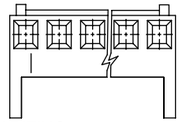
RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. C





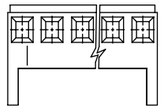
4455-N HOUSING SHOWN

HOUSING NO.
4455-BN
SEE NOTE 9



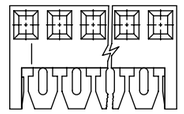
WITH RAMP AND POLARIZING

HOUSING NO.
4455-NR



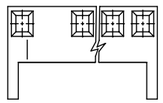
WITH RAMP

HOUSING NO.
4455-N2



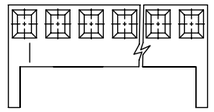
AVAILABLE ON BOTTOM ENTRY APPLICATIONS ONLY

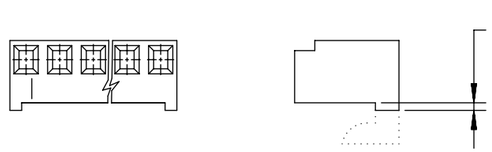
HOUSING NO.
4455-N-02



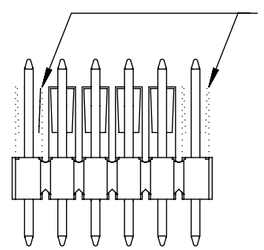
MOLDED VOID IN CKT 2

HOUSING NO.
4455-N





HOOKS CUT OPTION AVAILABLE ON TOP ENTRY, SEE CHART



KK BREAKAWAY FRICTION LOCK
OR POLARIZING HEADER

NOTES:
1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
2. 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.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING: SEE CHARTS.
5. PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.
6. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
7. TYPICAL PCB THICKNESS: (1.57)/.062
8. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
   EXCEPT PROTRUSIONS. PARTS MAY HAVE MORE THAN 2 GATE MARKS.
9. WHEN MATING ASSEMBLIES THAT USE 4455-BN HOUSINGS TO BREAKAWAY
   FRICTION LOCK OR POLARIZING HEADERS, THE END BACKWALLS MUST BE REMOVED.
10. DIMENSION C MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 15

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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						

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DIMENSION UNITS: MM/IN
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

STANDARD PRODUCT

		Assy Proc:	RIGHT ANGLE		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-N		Housing No:	4455-N2		Housing No:	4455-N2		Housing No:	4455-N2
		Terminal No:	4316-4(208)		Terminal No:	4316-3B(P909)		Terminal No:	4316-3B(565)		Terminal No:	4316-3B(208)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	208		Plating:	P909		Plating:	565		Plating:	208
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001
		Voids:	NONE		Voids:	NONE		Voids:	NONE		Voids:	NONE
Ckts		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
2		22-16-2020	A-4455-AZ02A(208)		22-14-2024	A-4455-BH02D(P909)		22-17-2022	A-4455-BH02D(565)		22-17-3022	A-4455-BH02D(208)
3		22-16-2030	A-4455-AZ 03 A(208)		22-14-2034	A-4455-BH 03 D(P909)		22-17-2032	A-4455-BH 03 D(565)		22-17-3032	A-4455-BH 03 D(208)
4		22-16-2040	A-4455-AZ 04 A(208)		22-14-2044	A-4455-BH 04 D(P909)		22-17-2042	A-4455-BH 04 D(565)		22-17-3042	A-4455-BH 04 D(208)
5		22-16-2050	A-4455-AZ 05 A(208)		22-14-2054	A-4455-BH 05 D(P909)		22-17-2052	A-4455-BH 05 D(565)		22-17-3052	A-4455-BH 05 D(208)
6		22-16-2060	A-4455-AZ 06 A(208)		22-14-2064	A-4455-BH 06 D(P909)		22-17-2062	A-4455-BH 06 D(565)		22-17-3062	A-4455-BH 06 D(208)
7		22-16-2070	A-4455-AZ 07 A(208)		22-14-2074	A-4455-BH 07 D(P909)		22-17-2072	A-4455-BH 07 D(565)		22-17-3072	A-4455-BH 07 D(208)
8		22-16-2080	A-4455-AZ 08 A(208)		22-14-2084	A-4455-BH 08 D(P909)		22-17-2082	A-4455-BH 08 D(565)		22-17-3082	A-4455-BH 08 D(208)
9		22-16-2090	A-4455-AZ 09 A(208)		22-14-2094	A-4455-BH 09 D(P909)		22-17-2092	A-4455-BH 09 D(565)		22-17-3092	A-4455-BH 09 D(208)
10		22-16-2100	A-4455-AZ 10 A(208)		22-14-2104	A-4455-BH 10 D(P909)		22-17-2102	A-4455-BH 10 D(565)		22-17-3102	A-4455-BH 10 D(208)
11		22-16-2110	A-4455-AZ 11 A(208)		22-14-2114	A-4455-BH 11 D(P909)		22-17-2112	A-4455-BH 11 D(565)		22-17-3112	A-4455-BH 11 D(208)
12		22-16-2120	A-4455-AZ 12 A(208)		22-14-2124	A-4455-BH 12 D(P909)		22-17-2122	A-4455-BH 12 D(565)		22-17-3122	A-4455-BH 12 D(208)
13		22-16-2130	A-4455-AZ 13 A(208)		22-14-2134	A-4455-BH 13 D(P909)		22-17-2132	A-4455-BH 13 D(565)		22-17-3132	A-4455-BH 13 D(208)
14		22-16-2140	A-4455-AZ 14 A(208)		22-14-2144	A-4455-BH 14 D(P909)		22-17-2142	A-4455-BH 14 D(565)		22-17-3142	A-4455-BH 14 D(208)
15		22-16-2150	A-4455-AZ 15 A(208)		22-14-2154	A-4455-BH 15 D(P909)		22-17-2152	A-4455-BH 15 D(565)		22-17-3152	A-4455-BH 15 D(208)
16		22-16-2160	A-4455-AZ 16 A(208)		22-14-2164	A-4455-BH 16 D(P909)		22-17-2162	A-4455-BH 16 D(565)		22-17-3162	A-4455-BH 16 D(208)
17		22-16-2170	A-4455-AZ 17 A(208)		22-14-2174	A-4455-BH 17 D(P909)		22-17-2172	A-4455-BH 17 D(565)		22-17-3172	A-4455-BH 17 D(208)
18		22-16-2180	A-4455-AZ 18 A(208)		22-14-2184	A-4455-BH 18 D(P909)					22-17-3182	A-4455-BH 18 D(208)
19		22-16-2190	A-4455-AZ 19 A(208)		22-14-2194	A-4455-BH 19 D(P909)					22-17-3192	A-4455-BH 19 D(208)
20		22-16-2200	A-4455-AZ 20 A(208)		22-14-2204	A-4455-BH 20 D(P909)		22-17-2202	A-4455-BH 20 D(565)		22-17-3202	A-4455-BH 20 D(208)
21												
22												
23		22-16-2230	A-4455-AZ 23 A(208)									
24												
25												

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DIMENSION UNITS: MM/IN
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	3 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	RIGHT ANGLE
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-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)

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

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

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

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	4455	SEE CHART	GENERAL MARKET	4 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

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

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

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

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

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	4455	SEE CHART	GENERAL MARKET	5 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	RIGHT ANGLE
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-N		Housing No:	4455-N		Housing No:	4455-4		Housing No:	4455-AN
		Terminal No:	6516-4(P909)		Terminal No:	6516-4(565)		Terminal No:	6516-4(208)		Terminal No:	4316-4(P909)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	P909		Plating:	565		Plating:	208		Plating:	P909
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001
		Voids:	NONE		Voids:	NONE		Voids:	NONE		Voids:	NONE
Ckts		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
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)

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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number		Material No	Engineer Number
2								22-15-4024	A-4455-AB02A(P909)			
3								22-15-4034	A-4455-AB 03A(P909)			
4								22-15-4044	A-4455-AB 04A(P909)			
5								22-15-4054	A-4455-AB 05A(P909)			
6					50-34-8518	A-4455-AB 06 A(228)		22-15-4064	A-4455-AB 06A(P909)			
7								22-15-4074	A-4455-AB 07A(P909)			
8								22-15-4084	A-4455-AB 08A(P909)			
9		22-16-2096	A-4455-AA 09 A(208)					22-15-4094	A-4455-AB 09A(P909)			
10											22-15-2102	A-4455-AE 10A(P909)
11								22-15-4114	A-4455-AB 11A(P909)			
12								22-15-4124	A-4455-AB 12A(P909)			
13								22-15-4134	A-4455-AB 13A(P909)			
14								22-15-4144	A-4455-AB 14A(P909)			
15								22-15-4154	A-4455-AB 15A(P909)			
16								22-15-4164	A-4455-AB 16A(P909)			
17								22-15-4174	A-4455-AB 17A(P909)			
18		22-16-2186	A-4455-AA 18 A(208)									
19		22-16-2196	A-4455-AA 19 A(208)					22-15-4194	A-4455-AB 19A(P909)			
20		22-16-2206	A-4455-AA 20 A(208)					22-15-4204	A-4455-AB 20A(P909)			
21		22-16-2216	A-4455-AA 21 A(208)					22-15-4214	A-4455-AB 21A(P909)			
22		22-16-2226	A-4455-AA 22 A(208)					22-15-4224	A-4455-AB 22A(P909)			
23		22-16-2236	A-4455-AA 23 A(208)					22-15-4234	A-4455-AB 23A(P909)			
24								22-15-4244	A-4455-AB 24A(P909)			
25								22-15-4254	A-4455-AB 25A(P909)		22-15-2252	A-4455-AE 25A(P909)

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

DIMENSION UNITS	SCALE
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

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

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

THIRD ANGLE PROJECTION

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
B-SIZE	4455	SEE CHART	GENERAL MARKET	7 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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
2		22-15-4022	A-4455-AR02A(P909)					22-17-5023	A-4455-AZ02B(228)			
3		22-15-4032	A-4455-AR 03 A(P909)					22-17-5033	A-4455-AZ 03 B(228)			
4		22-15-4042	A-4455-AR 04 A(P909)					22-17-5043	A-4455-AZ 04 B(228)			
5		22-15-4052	A-4455-AR 05 A(P909)									
6		22-15-4062	A-4455-AR 06 A(P909)					22-17-5063	A-4455-AZ 06 B(228)			
7		22-15-4072	A-4455-AR 07 A(P909)					22-17-5073	A-4455-AZ 07 B(228)			
8		22-15-4082	A-4455-AR 08 A(P909)					22-17-5083	A-4455-AZ 08 B(228)			
9		22-15-4092	A-4455-AR 09 A(P909)					22-17-5093	A-4455-AZ 09 B(228)			
10		22-15-4102	A-4455-AR 10 A(P909)					22-17-5103	A-4455-AZ 10 B(228)			
11		22-15-4112	A-4455-AR 11 A(P909)					22-17-5113	A-4455-AZ 11 B(228)			
12		22-15-4122	A-4455-AR 12 A(P909)					22-17-5123	A-4455-AZ 12 B(228)			
13		22-15-4132	A-4455-AR 13 A(P909)					22-17-5133	A-4455-AZ 13 B(228)			
14		22-15-4142	A-4455-AR 14 A(P909)					22-17-5143	A-4455-AZ 14 B(228)			
15		22-15-4152	A-4455-AR 15 A(P909)					22-17-5153	A-4455-AZ 15 B(228)			
16		22-15-4162	A-4455-AR 16 A(P909)					22-17-5163	A-4455-AZ 16 B(228)			
17		22-15-4172	A-4455-AR 17 A(P909)					22-17-5173	A-4455-AZ 17 B(228)			
18		22-15-4182	A-4455-AR 18 A(P909)					22-17-5183	A-4455-AZ 18 B(228)			
19		22-15-4192	A-4455-AR 19 A(P909)					22-17-5193	A-4455-AZ 19 B(228)			
20		22-15-4202	A-4455-AR 20 A(P909)		22-17-5201	A-4455-AZ 20 A(228)		22-17-5203	A-4455-AZ 20 B(228)			
21		22-15-4212	A-4455-AR 21 A(P909)					22-17-5213	A-4455-AZ 21 B(228)			
22		22-15-4222	A-4455-AR 22 A(P909)					22-17-5223	A-4455-AZ 22 B(228)			
23		22-15-4232	A-4455-AR 23 A(P909)					22-17-5233	A-4455-AZ 23 B(228)			
24		22-15-4242	A-4455-AR 24 A(P909)					22-17-5243	A-4455-AZ 24 B(228)			
25		22-15-4252	A-4455-AR 25 A(P909)					22-17-5253	A-4455-AZ 25 B(228)			

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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	8 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY		Assy Proc:	BOTTOM ENTRY
		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO		Hooks Cut:	NO
		Housing No:	4455-N2		Housing No:	4455-N2		Housing No:	4455-N2		Housing No:	4455-N2
		Terminal No:	4316-3B(228)		Terminal No:	4316-3B(231)		Terminal No:	4316-3B(228)		Terminal No:	6516-3B(228)
		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132		Dim C:	3.35 / .132
		Plating:	228		Plating:	231		Plating:	228		Plating:	228
		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001		Packaging:	PK-44646-001
		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		22-17-2024	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)			

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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	9 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-lb-prod-B
REVISION: E1
DATE: 2021/05/01

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
2					22-18-2026	A-4455-CY02A(565)		22-02-7023	A-4455-CY02A(P909)		22-15-4028	A-4455-CB02A(P909)
3					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)
4					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)
5		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)
6					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)
7								22-02-7073	A-4455-CY 07A(P909)		22-15-4078	A-4455-CB 07A(P909)
8								22-02-7083	A-4455-CY 08A(P909)		22-15-4088	A-4455-CB 08A(P909)
9								22-02-7093	A-4455-CY 09A(P909)		22-15-4098	A-4455-CB 09A(P909)
10								22-02-7103	A-4455-CY 10A(P909)		22-15-4108	A-4455-CB 10A(P909)
11								22-02-7113	A-4455-CY 11A(P909)		22-15-4118	A-4455-CB 11A(P909)
12					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)
13								22-02-7133	A-4455-CY 13A(P909)		22-15-4138	A-4455-CB 13A(P909)
14					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)
15					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)
16					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)
17					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)
18					22-18-2186	A-4455-CY 18 A(565)		22-02-7183	A-4455-CY 18A(P909)			
19					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)
20					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)
21					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					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)
23					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)
24					22-18-2246	A-4455-CY 24 A(565)					22-15-4248	A-4455-CB 24A(P909)
25					22-18-2256	A-4455-CY 25 A(565)					22-15-4258	A-4455-CB 25A(P909)

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

DIMENSION UNITS	SCALE
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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	10 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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:	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	±	± 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 OBSOLETED PART NUMBER AS PER PCN#512128.

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

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	4455	SEE CHART	GENERAL MARKET	11 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-lb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

	Assy Proc:	RIGHT ANGLE	Assy Proc:	BOTTOM ENTRY	Assy Proc:	RIGHT ANGLE	Assy Proc:	RIGHT ANGLE
	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO
	Housing No:	4455-N	Housing No:	4455-N2	Housing No:	4455-AN	Housing No:	4455-AN
	Terminal No:	6516-5C(P909)	Terminal No:	6516-6C(P909)	Terminal No:	6516-4(P909)	Terminal No:	4316-4(565)
	Dim C:	3.35±1.00/.132±.039	Dim C:	3.61±1.00/.142±.039	Dim C:	3.35 / .132	Dim C:	3.35 / .132
	Plating:	P909	Plating:	P909	Plating:	P909	Plating:	565
	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001
	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	38-00-1332	A-4455-AZ02C(P909)	38-00-1392	A-4455-BH02F(P909)				
3	38-00-1333	A-4455-AZ03C(P909)	38-00-1393	A-4455-BH03F(P909)				
4	38-00-1334	A-4455-AZ04C(P909)	38-00-1394	A-4455-BH04F(P909)				
5	38-00-1335	A-4455-AZ05C(P909)	38-00-1395	A-4455-BH05F(P909)				
6	38-00-1336	A-4455-AZ06C(P909)	38-00-1396	A-4455-BH06F(P909)				
7	38-00-1337	A-4455-AZ07C(P909)	38-00-1397	A-4455-BH07F(P909)	22-14-2079	A-4455-AA07B(P909)	22-14-2077	A-4455-AA07A(565)
8	38-00-1338	A-4455-AZ08C(P909)	38-00-1398	A-4455-BH08F(P909)	22-14-2089	A-4455-AA 08 B(P909)	22-14-2087	A-4455-AA 08 A(565)
9	38-00-1339	A-4455-AZ09C(P909)	38-00-1399	A-4455-BH09F(P909)	22-14-2099	A-4455-AA 09 B(P909)	22-14-2097	A-4455-AA 09 A(565)
10	38-00-1340	A-4455-AZ10C(P909)	38-00-1400	A-4455-BH10F(P909)	22-14-2109	A-4455-AA 10 B(P909)	22-14-2107	A-4455-AA 10 A(565)
11	38-00-1341	A-4455-AZ11C(P909)	38-00-1401	A-4455-BH11F(P909)	22-14-2119	A-4455-AA 11 B(P909)	22-14-2117	A-4455-AA 11 A(565)
12	38-00-1342	A-4455-AZ12C(P909)	38-00-1402	A-4455-BH12F(P909)	22-14-2129	A-4455-AA 12 B(P909)	22-14-2127	A-4455-AA 12 A(565)
13	38-00-1343	A-4455-AZ13C(P909)	38-00-1403	A-4455-BH13F(P909)	22-14-2139	A-4455-AA 13 B(P909)	22-14-2137	A-4455-AA 13 A(565)
14	38-00-1344	A-4455-AZ14C(P909)	38-00-1404	A-4455-BH14F(P909)	22-14-2149	A-4455-AA 14 B(P909)	22-14-2147	A-4455-AA 14 A(565)
15	38-00-1345	A-4455-AZ15C(P909)	38-00-1405	A-4455-BH15F(P909)	22-14-2159	A-4455-AA 15 B(P909)	22-14-2157	A-4455-AA 15 A(565)
16	38-00-1346	A-4455-AZ16C(P909)	38-00-1406	A-4455-BH16F(P909)	22-14-2169	A-4455-AA 16 B(P909)	22-14-2167	A-4455-AA 16 A(565)
17	38-00-1347	A-4455-AZ17C(P909)	38-00-1407	A-4455-BH17F(P909)	22-14-2179	A-4455-AA 17 B(P909)	22-14-2177	A-4455-AA 17 A(565)
18	38-00-1348	A-4455-AZ18C(P909)	38-00-1408	A-4455-BH18F(P909)	22-14-2189	A-4455-AA 18 B(P909)	22-14-2187	A-4455-AA 18 A(565)
19	38-00-1349	A-4455-AZ19C(P909)	38-00-1409	A-4455-BH19F(P909)	22-14-2199	A-4455-AA 19 B(P909)	22-14-2197	A-4455-AA 19 A(565)
20	38-00-1350	A-4455-AZ20C(P909)	38-00-1410	A-4455-BH20F(P909)	22-14-2209	A-4455-AA 20 B(P909)	22-14-2207	A-4455-AA 20 A(565)
21					22-14-2219	A-4455-AA 21 B(P909)	22-14-2217	A-4455-AA 21 A(565)
22					22-14-2229	A-4455-AA 22 B(P909)	22-14-2227	A-4455-AA 22 A(565)
23					22-14-2239	A-4455-AA 23 B(P909)	22-14-2237	A-4455-AA 23 A(565)
24					22-14-2249	A-4455-AA 24 B(P909)	22-14-2247	A-4455-AA 24 A(565)
25					22-14-2259	A-4455-AA 25 B(P909)	22-14-2257	A-4455-AA 25 A(565)

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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	12 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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	22-14-3812	A-4455-AA 20 T(P909)	22-16-3208	A-4455-AB 20 A(565)	38-00-1440	A-4455-CZ20C(P909)		
21	22-14-3813	A-4455-AA 21 T(P909)	22-16-3218	A-4455-AB 21 A(565)				
22	22-14-3814	A-4455-AA 22 T(P909)	22-16-3228	A-4455-AB 22 A(565)				
23	22-14-3815	A-4455-AA 23 T(P909)	22-16-3238	A-4455-AB 23 A(565)				
24	22-14-3816	A-4455-AA 24 T(P909)	22-16-3248	A-4455-AB 24 A(565)				
25			22-16-3258	A-4455-AB 25 A(565)				

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

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

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

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	4455	SEE CHART	GENERAL MARKET	13 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

KK 100 PCB ASSY 2-25 CKT
4455 SERIES

		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 06B(P909)		22-15-5065	A-4455-CY06A(P909)-2						
7												
8												
9												
10												
11								50-36-1881	A-4455-BH11D(P909)-10			
12												
13											26-01-3099	A-4455-BH13D(208)-51
14												
15												
16												
17												
18												
19												
20												
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
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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	14 OF 15

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

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)			
9												
10												
11												
12												
13												
14					46999-0586	A-4455-CG14A(P909)						
15												
16												
17		46999-0582	A-4455-AB17A(P909)-51									
18												
19												
20												
21												
22												
23												
24												
25												

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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

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

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 4455

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

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

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29 12:32:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01