

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

NO. OF CKTS.

DIM. A

DIM. B

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

ASS'Y. PROC. A
RIGHT ANGLE

ASS'Y. PROC. B
BOTTOM ENTRY

ASS'Y. PROC. C
TOP ENTRY

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.

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

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

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

4455-N HOUSING SHOWN

4455-N2 HOUSING SHOWN

4455-N HOUSING SHOWN

HOUSING NO. 4455-BN
SEE NOTE 9

WITH RAMP AND POLARIZING

HOUSING NO. 4455-N2

AVAILABLE ON BOTTOM ENTRY APPLICATIONS ONLY

HOUSING NO. 4455-NR

WITH RAMP

HOUSING NO. 4455-N-02

MOLDED VOID IN CKT 2

HOUSING NO. 4455-N

HOOKS CUT OPTION AVAILABLE ON TOP ENTRY, SEE CHART

END BACKWALLS MUST BE REMOVED
SEE NOTE 9

KK BREAKAWAY FRICTION LOCK
OR POLARIZING HEADER

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)

4 PLACES

3 PLACES

2 PLACES

1 PLACE

0 PLACES

ANGULAR TOL

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

B-SIZE

4455

SEE CHART

GENERAL MARKET

1 OF 15

moLEX

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

10 9 8 7 6 5 4 3 2 1

[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

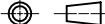
Code	Number	Material	Form
A	4316-4	Brass	Standard
B	6516-4	Phos Bronze	Standard
C	6516-5C	Phos Bronze	Cat Ear / V
D	4316-3B	Brass	Std / V
F	6516-6C	Phos Bronze	Cat Ear / V
G	4316-3	Brass	Standard
J	6516-3B	Phos Bronze	Std / V
L	6516-3C	Phos Bronze	Cat Ear / V
M	6516-4A	Phos Bronze	Cat Ear
T	4316-4A	Brass	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		SHEET NUMBER	
				B-SIZE	4455	SEE CHART		GENERAL MARKET		2 OF 15	

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

DOC TYPE	DOC PART	REVISION
PSD	001	D18

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																																																																																																																																																																																																																																																																																																																																																																																											
KK 100 PCB ASSY 2-25 CKT 4455 SERIES																																																																																																																																																																																																																																																																																																																																																																																																				
<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>BOTTOM ENTRY</td><td rowspan="8"></td><td>Assy Proc:</td><td>BOTTOM 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>NO</td></tr><tr><td>Housing No:</td><td>4455-N</td><td>Housing No:</td><td>4455-N</td><td>Housing No:</td><td>4455-N2</td><td>Housing No:</td><td>4455-N2</td></tr><tr><td>Terminal No:</td><td>6516-4(565)</td><td>Terminal No:</td><td>6516-4(208)</td><td>Terminal No:</td><td>6516-3B(565)</td><td>Terminal No:</td><td>6516-3B(208)</td></tr><tr><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .132</td><td>Dim C:</td><td>3.35 / .132</td></tr><tr><td>Plating:</td><td>565</td><td>Plating:</td><td>208</td><td>Plating:</td><td>565</td><td>Plating:</td><td>208</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><td></td><td></td><td></td></tr><tr><td>Ckts</td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td></tr><tr><td>2</td><td>22-16-2024</td><td>A-4455-AZ02B(565)</td><td></td><td></td><td></td><td>22-17-2021</td><td>A-4455-BH02J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>22-16-2034</td><td>A-4455-AZ 03 B(565)</td><td></td><td></td><td></td><td>22-17-2031</td><td>A-4455-BH 03 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>22-16-2044</td><td>A-4455-AZ 04 B(565)</td><td></td><td></td><td></td><td>22-17-2041</td><td>A-4455-BH 04 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>22-16-2054</td><td>A-4455-AZ 05 B(565)</td><td></td><td></td><td></td><td>22-17-2051</td><td>A-4455-BH 05 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>22-16-2064</td><td>A-4455-AZ 06 B(565)</td><td></td><td></td><td></td><td>22-17-2061</td><td>A-4455-BH 06 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td>22-16-2074</td><td>A-4455-AZ 07 B(565)</td><td></td><td></td><td></td><td>22-17-2071</td><td>A-4455-BH 07 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td>22-16-2084</td><td>A-4455-AZ 08 B(565)</td><td></td><td></td><td></td><td>22-17-2081</td><td>A-4455-BH 08 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>22-16-2094</td><td>A-4455-AZ 09 B(565)</td><td></td><td></td><td></td><td>22-17-2091</td><td>A-4455-BH 09 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td>22-16-2104</td><td>A-4455-AZ 10 B(565)</td><td></td><td></td><td></td><td>22-17-2101</td><td>A-4455-BH 10 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td>22-16-2114</td><td>A-4455-AZ 11 B(565)</td><td></td><td></td><td></td><td>22-17-2111</td><td>A-4455-BH 11 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td>22-16-2124</td><td>A-4455-AZ 12 B(565)</td><td></td><td></td><td></td><td>22-17-2121</td><td>A-4455-BH 12 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td>22-16-2134</td><td>A-4455-AZ 13 B(565)</td><td></td><td></td><td></td><td>22-17-2131</td><td>A-4455-BH 13 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td>22-16-2144</td><td>A-4455-AZ 14 B(565)</td><td></td><td></td><td></td><td>22-17-2141</td><td>A-4455-BH 14 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td>22-16-2154</td><td>A-4455-AZ 15 B(565)</td><td></td><td></td><td></td><td>22-17-2151</td><td>A-4455-BH 15 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td>22-16-2164</td><td>A-4455-AZ 16 B(565)</td><td></td><td></td><td></td><td>22-17-2161</td><td>A-4455-BH 16 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>17</td><td>22-16-2174</td><td>A-4455-AZ 17 B(565)</td><td></td><td></td><td></td><td>22-17-2171</td><td>A-4455-BH 17 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>18</td><td>22-16-2184</td><td>A-4455-AZ 18 B(565)</td><td></td><td></td><td></td><td>22-17-2181</td><td>A-4455-BH 18 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td>22-16-2194</td><td>A-4455-AZ 19 B(565)</td><td></td><td></td><td></td><td>22-17-2191</td><td>A-4455-BH 19 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>20</td><td>22-16-2204</td><td>A-4455-AZ 20 B(565)</td><td></td><td></td><td></td><td>22-17-2201</td><td>A-4455-BH 20 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>21</td><td>22-16-2214</td><td>A-4455-AZ 21 B(565)</td><td></td><td></td><td></td><td>22-17-2211</td><td>A-4455-BH 21 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>22-16-2224</td><td>A-4455-AZ 22 B(565)</td><td></td><td></td><td></td><td>22-17-2221</td><td>A-4455-BH 22 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>22-16-2234</td><td>A-4455-AZ 23 B(565)</td><td></td><td></td><td></td><td>22-17-2231</td><td>A-4455-BH 23 J(565)</td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td>22-16-2244</td><td>A-4455-AZ 24 B(565)</td><td></td><td></td><td></td><td>22-17-2241</td><td>A-4455-BH 24 J(565)</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>22-17-2251</td><td>A-4455-BH 25 J(565)</td><td></td><td></td><td></td><td></td></tr></table>											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)				
	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)																																																																																																																																																																																																																																																																																																																																																																																								
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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)																																																																																																																																																																																																																																																																																																																																																																																													
<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" rowspan="2">CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128.</td><td colspan="2" rowspan="2"> molex </td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2"></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">PRODUCT CUSTOMER DRAWING</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>± 0.01</td><td colspan="2">SDA-4455</td><td>PSD</td><td>001</td><td>D18</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.25</td><td>± 0.015</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td>1 PLACE</td><td>±</td><td>0.36</td><td>±</td><td colspan="2">SEE CHART</td><td colspan="2">GENERAL MARKET</td><td>5 OF 15</td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</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.				molex		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				PRODUCT CUSTOMER DRAWING		4 PLACES	±		±	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	3 PLACES	±		± 0.01	SDA-4455		PSD	001	D18	2 PLACES	±	0.25	± 0.015	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	1 PLACE	±	0.36	±	SEE CHART		GENERAL MARKET		5 OF 15	0 PLACES	±		±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION																																																																																																																																																																																																																																																																																																														
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10987654321

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 MM/IN		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#512128.				molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 716046 DRWN: SANTHN CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: SAMIEC APPR: LENZ				PRODUCT CUSTOMER DRAWING		
	MM	INCH								
4 PLACES ±		±								
3 PLACES ±		± 0.01								
2 PLACES ±	0.25	± 0.015								
1 PLACE ±	0.36	±	2022/07/22 2022/07/29 2022/07/29				DOCUMENT NUMBER SDA-4455 DOC TYPE PSD DOC PART 001 REVISION D18			
0 PLACES ±		±								
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION DRAFTING SERIES4455				MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET SHEET NUMBER 6 OF 15		
DRAFT WHERE APPLICABLE MUST										

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																			
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.132</td></tr><tr><td>Plating:</td><td>208</td><td>Plating:</td><td>228</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-44646-002</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>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></td><td></td><td>22-15-4024</td><td>A-4455-AB02A(P909)</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td><td></td><td>22-15-4034</td><td>A-4455-AB 03A(P909)</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td>22-15-4044</td><td>A-4455-AB 04A(P909)</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td>22-15-4054</td><td>A-4455-AB 05A(P909)</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td>50-34-8518</td><td>A-4455-AB 06 A(228)</td><td>22-15-4064</td><td>A-4455-AB 06A(P909)</td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td>22-15-4074</td><td>A-4455-AB 07A(P909)</td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td>22-15-4084</td><td>A-4455-AB 08A(P909)</td><td></td><td></td></tr><tr><td>9</td><td>22-16-2096</td><td>A-4455-AA 09 A(208)</td><td></td><td></td><td>22-15-4094</td><td>A-4455-AB 09A(P909)</td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td>22-15-2102</td><td>A-4455-AE 10A(P909)</td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td>22-15-4114</td><td>A-4455-AB 11A(P909)</td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td></td><td></td><td>22-15-4124</td><td>A-4455-AB 12A(P909)</td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td></td><td></td><td>22-15-4134</td><td>A-4455-AB 13A(P909)</td><td></td><td></td></tr><tr><td>14</td><td></td><td></td><td></td><td></td><td>22-15-4144</td><td>A-4455-AB 14A(P909)</td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td>22-15-4154</td><td>A-4455-AB 15A(P909)</td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td></td><td></td><td>22-15-4164</td><td>A-4455-AB 16A(P909)</td><td></td><td></td></tr><tr><td>17</td><td></td><td></td><td></td><td></td><td>22-15-4174</td><td>A-4455-AB 17A(P909)</td><td></td><td></td></tr><tr><td>18</td><td>22-16-2186</td><td>A-4455-AA 18 A(208)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td>22-16-2196</td><td>A-4455-AA 19 A(208)</td><td></td><td></td><td>22-15-4194</td><td>A-4455-AB 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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)
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.132</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>228</td><td>Plating:</td><td>228</td><td>Plating:</td><td>228</td></tr><tr><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td></tr><tr><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td><td>Voids:</td><td>NONE</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ckts</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td>Material No</td><td>Engineer Number</td><td></td><td></td></tr><tr><td>2</td><td>22-15-4022</td><td>A-4455-AR02A(P909)</td><td></td><td></td><td>22-17-5023</td><td>A-4455-AZ02B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>22-15-4032</td><td>A-4455-AR 03 A(P909)</td><td></td><td></td><td>22-17-5033</td><td>A-4455-AZ 03 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>22-15-4042</td><td>A-4455-AR 04 A(P909)</td><td></td><td></td><td>22-17-5043</td><td>A-4455-AZ 04 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>22-15-4052</td><td>A-4455-AR 05 A(P909)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>22-15-4062</td><td>A-4455-AR 06 A(P909)</td><td></td><td></td><td>22-17-5063</td><td>A-4455-AZ 06 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td>22-15-4072</td><td>A-4455-AR 07 A(P909)</td><td></td><td></td><td>22-17-5073</td><td>A-4455-AZ 07 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td>22-15-4082</td><td>A-4455-AR 08 A(P909)</td><td></td><td></td><td>22-17-5083</td><td>A-4455-AZ 08 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>22-15-4092</td><td>A-4455-AR 09 A(P909)</td><td></td><td></td><td>22-17-5093</td><td>A-4455-AZ 09 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td>22-15-4102</td><td>A-4455-AR 10 A(P909)</td><td></td><td></td><td>22-17-5103</td><td>A-4455-AZ 10 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td>22-15-4112</td><td>A-4455-AR 11 A(P909)</td><td></td><td></td><td>22-17-5113</td><td>A-4455-AZ 11 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td>22-15-4122</td><td>A-4455-AR 12 A(P909)</td><td></td><td></td><td>22-17-5123</td><td>A-4455-AZ 12 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td>22-15-4132</td><td>A-4455-AR 13 A(P909)</td><td></td><td></td><td>22-17-5133</td><td>A-4455-AZ 13 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td>22-15-4142</td><td>A-4455-AR 14 A(P909)</td><td></td><td></td><td>22-17-5143</td><td>A-4455-AZ 14 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td>22-15-4152</td><td>A-4455-AR 15 A(P909)</td><td></td><td></td><td>22-17-5153</td><td>A-4455-AZ 15 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td>22-15-4162</td><td>A-4455-AR 16 A(P909)</td><td></td><td></td><td>22-17-5163</td><td>A-4455-AZ 16 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>17</td><td>22-15-4172</td><td>A-4455-AR 17 A(P909)</td><td></td><td></td><td>22-17-5173</td><td>A-4455-AZ 17 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>18</td><td>22-15-4182</td><td>A-4455-AR 18 A(P909)</td><td></td><td></td><td>22-17-5183</td><td>A-4455-AZ 18 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>19</td><td>22-15-4192</td><td>A-4455-AR 19 A(P909)</td><td></td><td></td><td>22-17-5193</td><td>A-4455-AZ 19 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>20</td><td>22-15-4202</td><td>A-4455-AR 20 A(P909)</td><td>22-17-5201</td><td>A-4455-AZ 20 A(228)</td><td>22-17-5203</td><td>A-4455-AZ 20 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>21</td><td>22-15-4212</td><td>A-4455-AR 21 A(P909)</td><td></td><td></td><td>22-17-5213</td><td>A-4455-AZ 21 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>22-15-4222</td><td>A-4455-AR 22 A(P909)</td><td></td><td></td><td>22-17-5223</td><td>A-4455-AZ 22 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>22-15-4232</td><td>A-4455-AR 23 A(P909)</td><td></td><td></td><td>22-17-5233</td><td>A-4455-AZ 23 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>24</td><td>22-15-4242</td><td>A-4455-AR 24 A(P909)</td><td></td><td></td><td>22-17-5243</td><td>A-4455-AZ 24 B(228)</td><td></td><td></td><td></td><td></td></tr><tr><td>25</td><td>22-15-4252</td><td>A-4455-AR 25 A(P909)</td><td></td><td></td><td>22-17-5253</td><td>A-4455-AZ 25 B(228)</td><td></td><td></td><td></td><td></td></tr></table>											Assy Proc:	RIGHT ANGLE		Assy 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A(P909)			22-17-5063	A-4455-AZ 06 B(228)					7	22-15-4072	A-4455-AR 07 A(P909)			22-17-5073	A-4455-AZ 07 B(228)					8	22-15-4082	A-4455-AR 08 A(P909)			22-17-5083	A-4455-AZ 08 B(228)					9	22-15-4092	A-4455-AR 09 A(P909)			22-17-5093	A-4455-AZ 09 B(228)					10	22-15-4102	A-4455-AR 10 A(P909)			22-17-5103	A-4455-AZ 10 B(228)					11	22-15-4112	A-4455-AR 11 A(P909)			22-17-5113	A-4455-AZ 11 B(228)					12	22-15-4122	A-4455-AR 12 A(P909)			22-17-5123	A-4455-AZ 12 B(228)					13	22-15-4132	A-4455-AR 13 A(P909)			22-17-5133	A-4455-AZ 13 B(228)					14	22-15-4142	A-4455-AR 14 A(P909)			22-17-5143	A-4455-AZ 14 B(228)					15	22-15-4152	A-4455-AR 15 A(P909)			22-17-5153	A-4455-AZ 15 B(228)					16	22-15-4162	A-4455-AR 16 A(P909)			22-17-5163	A-4455-AZ 16 B(228)					17	22-15-4172	A-4455-AR 17 A(P909)			22-17-5173	A-4455-AZ 17 B(228)					18	22-15-4182	A-4455-AR 18 A(P909)			22-17-5183	A-4455-AZ 18 B(228)					19	22-15-4192	A-4455-AR 19 A(P909)			22-17-5193	A-4455-AZ 19 B(228)					20	22-15-4202	A-4455-AR 20 A(P909)	22-17-5201	A-4455-AZ 20 A(228)	22-17-5203	A-4455-AZ 20 B(228)					21	22-15-4212	A-4455-AR 21 A(P909)			22-17-5213	A-4455-AZ 21 B(228)					22	22-15-4222	A-4455-AR 22 A(P909)			22-17-5223	A-4455-AZ 22 B(228)					23	22-15-4232	A-4455-AR 23 A(P909)			22-17-5233	A-4455-AZ 23 B(228)					24	22-15-4242	A-4455-AR 24 A(P909)			22-17-5243	A-4455-AZ 24 B(228)					25	22-15-4252	A-4455-AR 25 A(P909)			22-17-5253	A-4455-AZ 25 B(228)				
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING B-SIZE	SERIES 4455	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET	SHEET NUMBER 8 OF 15																																																																																																																																																																																																																																																																																																																																																																
<table><tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/07/29</td><td>12:32:02</td><td colspan="5"></td></tr><tr><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td><td colspan="2">3</td><td colspan="2">2</td></tr></table>										DOCUMENT STATUS	P1	RELEASE DATE	2022/07/29	12:32:02						9		8		7		6		5		4		3		2																																																																																																																																																																																																																																																																																																																																								
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F	KK 100 PCB ASSY 2-25 CKT 4455 SERIES									F																															
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D		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)																														
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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 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>ANGULAR TOL</td><td colspan="2">± 0.5 °</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING B-SIZE SERIES 4455 EC NO: 716046 DRWN: SANTHN CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: SAMIEC APPR: LENZ CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512128. 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 9 OF 15 DOCUMENT STATUS P1 RELEASE DATE 2022/07/29 12:32:02 <tr><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr>													MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.01	2 PLACES	± 0.25	± 0.015	1 PLACE	± 0.36	±	0 PLACES	±	±	ANGULAR TOL	± 0.5 °		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
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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

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
					22-18-2026	A-4455-CY02A(565)		22-02-7023	A-4455-CY02A(P909)		22-15-4028	A-4455-CB02A(P909)
					22-18-2036	A-4455-CY 03 A(565)		22-02-7033	A-4455-CY 03A(P909)		22-15-4038	A-4455-CB 03A(P909)
					22-18-2046	A-4455-CY 04 A(565)		22-02-7043	A-4455-CY 04A(P909)		22-15-4048	A-4455-CB 04A(P909)
		22-18-2057	A-4455-CP 05 A(208)					22-02-7053	A-4455-CY 05A(P909)		22-15-4058	A-4455-CB 05A(P909)
					22-18-2066	A-4455-CY 06 A(565)		22-02-7063	A-4455-CY 06A(P909)		22-15-4068	A-4455-CB 06A(P909)
								22-02-7073	A-4455-CY 07A(P909)		22-15-4078	A-4455-CB 07A(P909)
								22-02-7083	A-4455-CY 08A(P909)		22-15-4088	A-4455-CB 08A(P909)
								22-02-7093	A-4455-CY 09A(P909)		22-15-4098	A-4455-CB 09A(P909)
								22-02-7103	A-4455-CY 10A(P909)		22-15-4108	A-4455-CB 10A(P909)
								22-02-7113	A-4455-CY 11A(P909)		22-15-4118	A-4455-CB 11A(P909)
					22-18-2126	A-4455-CY 12 A(565)		22-02-7123	A-4455-CY 12A(P909)		22-15-4128	A-4455-CB 12A(P909)
								22-02-7133	A-4455-CY 13A(P909)		22-15-4138	A-4455-CB 13A(P909)
					22-18-2146	A-4455-CY 14 A(565)		22-02-7143	A-4455-CY 14A(P909)		22-15-4148	A-4455-CB 14A(P909)
					22-18-2156	A-4455-CY 15 A(565)		22-02-7153	A-4455-CY 15A(P909)		22-15-4158	A-4455-CB 15A(P909)
					22-18-2166	A-4455-CY 16 A(565)		22-02-7163	A-4455-CY 16A(P909)		22-15-4168	A-4455-CB 16A(P909)
					22-18-2176	A-4455-CY 17 A(565)		22-02-7173	A-4455-CY 17A(P909)		22-15-4178	A-4455-CB 17A(P909)
					22-18-2186	A-4455-CY 18 A(565)		22-02-7183	A-4455-CY 18A(P909)			
					22-18-2196	A-4455-CY 19 A(565)		22-02-7193	A-4455-CY 19A(P909)		22-15-4198	A-4455-CB 19A(P909)
					22-18-2206	A-4455-CY 20 A(565)		22-02-7203	A-4455-CY 20A(P909)		22-15-4208	A-4455-CB 20A(P909)
					22-18-2216	A-4455-CY 21 A(565)		22-02-7213	A-4455-CY 21A(P909)		22-15-4218	A-4455-CB 21A(P909)
					22-18-2226	A-4455-CY 22 A(565)		22-02-7223	A-4455-CY 22A(P909)		22-15-4228	A-4455-CB 22A(P909)
					22-18-2236	A-4455-CY 23 A(565)		22-02-7233	A-4455-CY 23A(P909)		22-15-4238	A-4455-CB 23A(P909)
					22-18-2246	A-4455-CY 24 A(565)					22-15-4248	A-4455-CB 24A(P909)
					22-18-2256	A-4455-CY 25 A(565)					22-15-4258	A-4455-CB 25A(P909)

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

4455

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

EC NO: 716046

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

2022/07/22

2022/07/29

2022/07/29

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

1984/05/10

1984/05/10

DOCUMENT NUMBER

SDA-4455

DOC TYPE

PSD

DOC PART

001

REVISION

D18

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 15

molex

KK 100 PCB ASSY
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

984

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																																																																	
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.132</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>228</td><td>Plating:</td><td>208</td><td>Plating:</td><td>228</td></tr><tr><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-003</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>NO</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></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td><td></td><td>Material No</td><td>Engineer Number</td></tr><tr><td>2</td><td></td><td>22-65-3020</td><td>A-4455-CR02A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7023</td><td>A-4455-CY02A(208)</td><td></td><td>22-18-7021</td><td>A-4455-CY02B(228)</td></tr><tr><td>3</td><td></td><td>22-65-3030</td><td>A-4455-CR 03A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7033</td><td>A-4455-CY 03 A(208)</td><td></td><td>22-18-7031 38-00-1478</td><td>A-4455-CY 03 B(228)</td></tr><tr><td>4</td><td></td><td>22-65-3040</td><td>A-4455-CR 04A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7043</td><td>A-4455-CY 04 A(208)</td><td></td><td>22-18-7041</td><td>A-4455-CY 04 B(228)</td></tr><tr><td>5</td><td></td><td>22-65-3050</td><td>A-4455-CR 05A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7053</td><td>A-4455-CY 05 A(208)</td><td></td><td>22-18-7051</td><td>A-4455-CY 05 B(228)</td></tr><tr><td>6</td><td></td><td>22-65-3060</td><td>A-4455-CR 06A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7063</td><td>A-4455-CY 06 A(208)</td><td></td><td>22-18-7061</td><td>A-4455-CY 06 B(228)</td></tr><tr><td>7</td><td></td><td>22-65-3070</td><td>A-4455-CR 07A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7073</td><td>A-4455-CY 07 A(208)</td><td></td><td>22-18-7071</td><td>A-4455-CY 07 B(228)</td></tr><tr><td>8</td><td></td><td>22-65-3080</td><td>A-4455-CR 08A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7083</td><td>A-4455-CY 08 A(208)</td><td></td><td>22-18-7081</td><td>A-4455-CY 08 B(228)</td></tr><tr><td>9</td><td></td><td>22-65-3090</td><td>A-4455-CR 09A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7093</td><td>A-4455-CY 09 A(208)</td><td></td><td>22-18-7091</td><td>A-4455-CY 09 B(228)</td></tr><tr><td>10</td><td></td><td>22-65-3100</td><td>A-4455-CR 10A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7103</td><td>A-4455-CY 10 A(208)</td><td></td><td>22-18-7101</td><td>A-4455-CY 10 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24A(P909)</td><td></td><td></td><td></td><td></td><td>22-18-7243</td><</tr></table>												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 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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	Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-N Terminal No: 6516-5C(P909) Dim C: 3.35±1.00/.132±.039 Plating: P909 Packaging: PK-44646-001 Voids: NO		Assy Proc: BOTTOM ENTRY Hooks Cut: NO Housing No: 4455-N2 Terminal No: 6516-6C(P909) Dim C: 3.61±1.00/.142±.039 Plating: P909 Packaging: PK-44646-001 Voids: NO		Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-AN Terminal No: 6516-4(P909) Dim C: 3.35 / .132 Plating: P909 Packaging: PK-44646-001 Voids: NO		Assy Proc: RIGHT ANGLE Hooks Cut: NO Housing No: 4455-AN Terminal No: 4316-4(565) Dim C: 3.35 / .132 Plating: 565 Packaging: PK-44646-001 Voids: NO		E							
D	Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	D						
C	2	38-00-1332	A-4455-AZ02C(P909)	38-00-1392	A-4455-BH02F(P909)			22-14-2079	A-4455-AA07B(P909)	22-14-2077	A-4455-AA07A(565)	C				
	3	38-00-1333	A-4455-AZ03C(P909)	38-00-1393	A-4455-BH03F(P909)			22-14-2089	A-4455-AA 08 B(P909)	22-14-2087	A-4455-AA 08 A(565)					
	4	38-00-1334	A-4455-AZ04C(P909)	38-00-1394	A-4455-BH04F(P909)			22-14-2099	A-4455-AA 09 B(P909)	22-14-2097	A-4455-AA 09 A(565)					
	5	38-00-1335	A-4455-AZ05C(P909)	38-00-1395	A-4455-BH05F(P909)			22-14-2109	A-4455-AA 10 B(P909)	22-14-2107	A-4455-AA 10 A(565)					
	6	38-00-1336	A-4455-AZ06C(P909)	38-00-1396	A-4455-BH06F(P909)			22-14-2119	A-4455-AA 11 B(P909)	22-14-2117	A-4455-AA 11 A(565)					
	7	38-00-1337	A-4455-AZ07C(P909)	38-00-1397	A-4455-BH07F(P909)			22-14-2129	A-4455-AA 12 B(P909)	22-14-2127	A-4455-AA 12 A(565)					
	8	38-00-1338	A-4455-AZ08C(P909)	38-00-1398	A-4455-BH08F(P909)			22-14-2139	A-4455-AA 13 B(P909)	22-14-2137	A-4455-AA 13 A(565)					
	9	38-00-1339	A-4455-AZ09C(P909)	38-00-1399	A-4455-BH09F(P909)			22-14-2149	A-4455-AA 14 B(P909)	22-14-2147	A-4455-AA 14 A(565)					
	10	38-00-1340	A-4455-AZ10C(P909)	38-00-1400	A-4455-BH10F(P909)			22-14-2159	A-4455-AA 15 B(P909)	22-14-2157	A-4455-AA 15 A(565)					
	11	38-00-1341	A-4455-AZ11C(P909)	38-00-1401	A-4455-BH11F(P909)			22-14-2169	A-4455-AA 16 B(P909)	22-14-2167	A-4455-AA 16 A(565)					
B	12	38-00-1342	A-4455-AZ12C(P909)	38-00-1402	A-4455-BH12F(P909)			22-14-2179	A-4455-AA 17 B(P909)	22-14-2177	A-4455-AA 17 A(565)	B				
	13	38-00-1343	A-4455-AZ13C(P909)	38-00-1403	A-4455-BH13F(P909)			22-14-2189	A-4455-AA 18 B(P909)	22-14-2187	A-4455-AA 18 A(565)					
	14	38-00-1344	A-4455-AZ14C(P909)	38-00-1404	A-4455-BH14F(P909)			22-14-2199	A-4455-AA 19 B(P909)	22-14-2197	A-4455-AA 19 A(565)					
	15	38-00-1345	A-4455-AZ15C(P909)	38-00-1405	A-4455-BH15F(P909)			22-14-2209	A-4455-AA 20 B(P909)	22-14-2207	A-4455-AA 20 A(565)					
	16	38-00-1346	A-4455-AZ16C(P909)	38-00-1406	A-4455-BH16F(P909)			22-14-2219	A-4455-AA 21 B(P909)	22-14-2217	A-4455-AA 21 A(565)					
	17	38-00-1347	A-4455-AZ17C(P909)	38-00-1407	A-4455-BH17F(P909)			22-14-2229	A-4455-AA 22 B(P909)	22-14-2227	A-4455-AA 22 A(565)					
	18	38-00-1348	A-4455-AZ18C(P909)	38-00-1408	A-4455-BH18F(P909)			22-14-2239	A-4455-AA 23 B(P909)	22-14-2237	A-4455-AA 23 A(565)					
	19	38-00-1349	A-4455-AZ19C(P909)	38-00-1409	A-4455-BH19F(P909)			22-14-2249	A-4455-AA 24 B(P909)	22-14-2247	A-4455-AA 24 A(565)					
	20	38-00-1350	A-4455-AZ20C(P909)	38-00-1410	A-4455-BH20F(P909)			22-14-2259	A-4455-AA 25 B(P909)	22-14-2257	A-4455-AA 25 A(565)					
	21															
22																
23																
24																
25																
A	DOCUMENT STATUS		P1	RELEASE DATE	2022/07/29	12:32:02	9	8	7	6	5	4	3	2	1	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

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

EC NO: 716046

DRWN: SANTHN

CHKD: GGA

APPR: GGA

INITIAL REVISION:

DRWN: SAMIEC

APPR: LENZ

2022/07/22

2022/07/29

2022/07/29

1984/05/10

1984/05/10

PRODUCT CUSTOMER DRAWING

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

MATERIAL NUMBER

CUSTOMER

SEE CHART

GENERAL MARKET

SHEET NUMBER

12 OF 15

THIRD ANGLE PROJECTION

DRAWING

SERIES

B-SIZE

4455

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

		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)						

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3.35</td></tr><tr><td>Plating:</td><td>P909</td><td>Plating:</td><td>P909</td><td>Plating:</td><td>P909</td><td>Plating:</td><td>208</td></tr><tr><td>Packaging:</td><td>PK-44646-003</td><td>Packaging:</td><td>PK-44646-003</td><td>Packaging:</td><td>PK-44646-001</td><td>Packaging:</td><td>PK-44646-001</td></tr><tr><td>Voids:</td><td>NO</td><td>Voids:</td><td>YES IN CKT 2</td><td>Voids:</td><td>YES IN CKT 10</td><td>Voids:</td><td>2,3,4,6,7,8,10,11,12</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></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>50-29-1553</td><td>A-4455-CY 05B(P909)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>50-29-1554</td><td>A-4455-CY 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 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								
	Assy Proc:	TOP ENTRY		Assy Proc:	TOP ENTRY		Assy Proc:	BOTTOM ENTRY			Assy Proc:	BOTTOM ENTRY																																																																																																																																																																																																																																																																																																		
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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																																																																																																																																																																																																																																																																																																										
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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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13												
14					46999-0586	A-4455-CG14A(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

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

PRODUCT CUSTOMER DRAWING

SEE CHART

GENERAL MARKET

SHEET NUMBER
15 OF 15