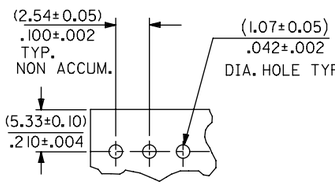
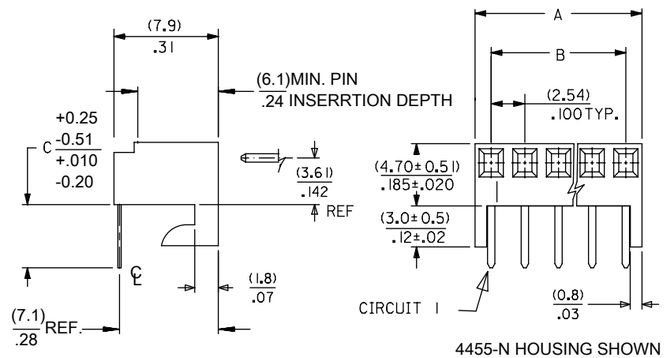
| NO. OF CKTS. | DIM. A | DIM. B |
|---|---|---|
| 1 | (2.44± .15) .096± .006 | |
| 2 | (4.98± .15) .196± .006 | (2.54 ± .10) .100 ± .004 |
| 3 | (7.52± .15) .296±.006 | (5.08 ± .10) .200 ± .004 |
| 4 | (10.06± .15) .396 ±.006 | (7.62 ± .10) .300 ± .004 |
| 5 | (12.60± .18) .496 ± .007 | (10.16 ± .13) .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

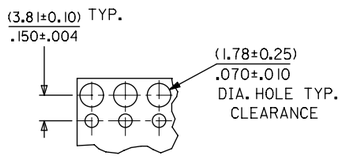



RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. A

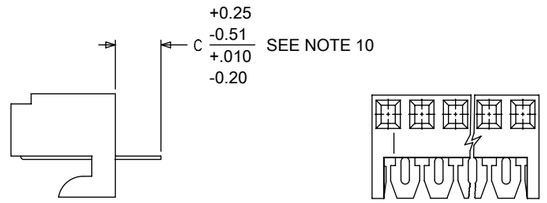



4455-N HOUSING SHOWN

ASS'Y. PROC. B
BOTTOM ENTRY

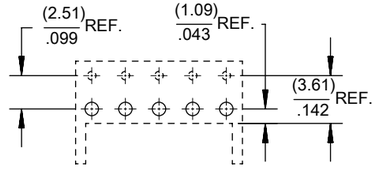



RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. B

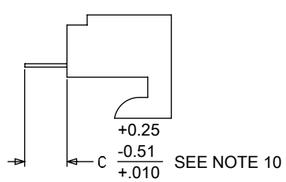


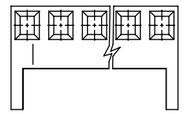

4455-N2 HOUSING SHOWN

ASS'Y. PROC. C
TOP ENTRY



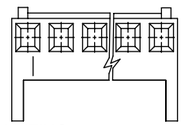

RECOMMENDED P.C. BOARD LAYOUT
FOR ASS'Y. PROC. C



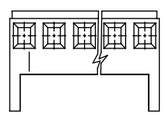
4455-N HOUSING SHOWN

HOUSING NO.
4455-BN
SEE NOTE 9



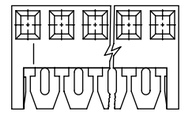
WITH RAMP AND POLARIZING

HOUSING NO.
4455-NR



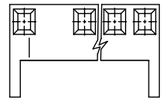
WITH RAMP

HOUSING NO.
4455-N2



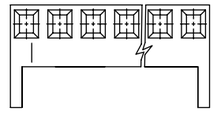
AVAILABLE ON BOTTOM ENTRY APPLICATIONS ONLY

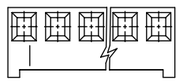
HOUSING NO.
4455-N-02

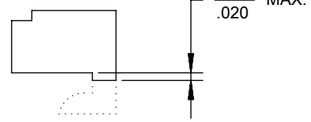


MOLDED VOID IN CKT 2

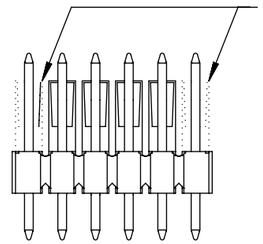
HOUSING NO.
4455-N








HOOKS CUT OPTION AVAILABLE ON TOP ENTRY, SEE CHART



END BACKWALLS MUST BE REMOVED
SEE NOTE 9

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 |
|---|---|---|---|

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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 | 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 | | | | | | | | | | | | |

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

DIMENSION UNITS: MM/IN | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED 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: 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

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) |

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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 | 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: 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

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 | 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: 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

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 | 9 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: | 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: 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 | 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<br>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: 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

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-tb-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: 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

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 | 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: 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

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: B-SIZE | SERIES: 4455 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 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 | | | | | | |
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| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | 50-36-1881 | A-4455-BH11D(P909)-10 | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | 26-01-3099 | A-4455-BH13D(208)-51 |
| 14 | | | | | | | | | | | | |
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | 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 | 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) | | | |
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| 14 | | | | | 46999-0586 | A-4455-CG14A(P909) | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | 46999-0582 | A-4455-AB17A(P909)-51 | | | | | | | | | |
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|---|---|---|
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| 3 PLACES | ± | ± 0.01 |
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| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
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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

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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