



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 0038001398 - Connector Receptacle, Bottom Entry 8 Position 0.100" (2.54mm)  
Tin Through Hole

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## Excellent Integrated System Limited

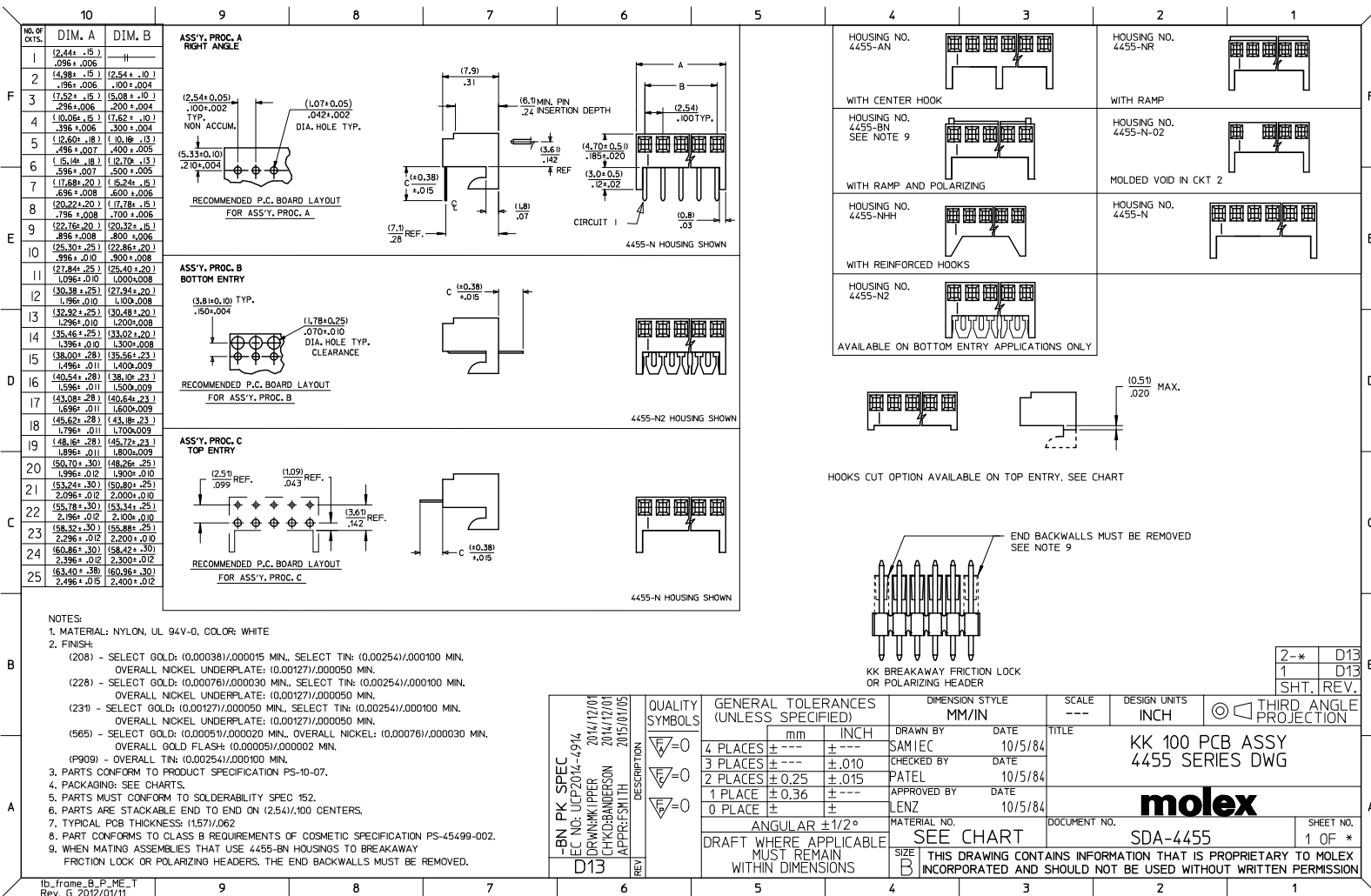
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

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[0038001398](#)

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# **KK 100 PCB ASSY 2-25 CKT** **4455 SERIES**

STANDARD PRODUCT

## **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)

A-4455- \* \* N \* \* - \*

VOID LOCATION  
NUMBER = CIRCUIT VOIDED  
MULTIPLE VOIDS START  
WITH 51  
BLANK = NONE

|              |              |
|--------------|--------------|
| Assy Proc:   | RIGHT ANGLE  |
| Hooks Cut:   | NO           |
| Housing No:  | 4455-N       |
| Terminal No: | 4316-4(P909) |
| Dim C:       | 3.35 / .132  |
| Plating:     | P909         |
| Packaging:   | PK-44646-001 |
| Voids:       | NONE         |

|              |              |
|--------------|--------------|
| Assy Proc:   | RIGHT ANGLE  |
| Hooks Cut:   | NO           |
| Housing No:  | 4455-N       |
| Terminal No: | 4316-4(565)  |
| Dim C:       | 3.35 / .132  |
| Plating:     | 565          |
| Packaging:   | PK-44646-001 |
| Voids:       | NONE         |

| Ckts | Material No | Engineer Number    |
|------|-------------|--------------------|
| 2    | 22-15-2026  | A-4455-AZ02A(P909) |
| 3    | 22-15-2036  | A-4455-AZ03A(P909) |
| 4    | 22-15-2046  | A-4455-AZ04A(P909) |
| 5    | 22-15-2056  | A-4455-AZ05A(P909) |
| 6    | 22-15-2066  | A-4455-AZ06A(P909) |
| 7    | 22-15-2076  | A-4455-AZ07A(P909) |
| 8    | 22-15-2086  | A-4455-AZ08A(P909) |
| 9    | 22-15-2096  | A-4455-AZ09A(P909) |
| 10   | 22-15-2106  | A-4455-AZ10A(P909) |
| 11   | 22-15-2116  | A-4455-AZ11A(P909) |
| 12   | 22-15-2126  | A-4455-AZ12A(P909) |
| 13   | 22-15-2136  | A-4455-AZ13A(P909) |
| 14   | 22-15-2146  | A-4455-AZ14A(P909) |
| 15   | 22-15-2156  | A-4455-AZ15A(P909) |
| 16   | 22-15-2166  | A-4455-AZ16A(P909) |
| 17   | 22-15-2176  | A-4455-AZ17A(P909) |
| 18   | 22-15-2186  | A-4455-AZ18A(P909) |
| 19   | 22-15-2196  | A-4455-AZ19A(P909) |
| 20   | 22-15-2206  | A-4455-AZ20A(P909) |
| 21   | 22-15-2216  | A-4455-AZ21A(P909) |
| 22   | 22-15-2226  | A-4455-AZ22A(P909) |
| 23   | 22-15-2236  | A-4455-AZ23A(P909) |
| 24   | 22-15-2246  | A-4455-AZ24A(P909) |
| 25   | 22-15-2256  | A-4455-AZ25A(P909) |

| Material No | Engineer Number   |
|-------------|-------------------|
| 22-16-2021  | A-4455-AZ02A(565) |
| 22-16-2031  | A-4455-AZ03A(565) |
| 22-16-2041  | A-4455-AZ04A(565) |
| 22-16-2051  | A-4455-AZ05A(565) |
| 22-16-2061  | A-4455-AZ06A(565) |
| 22-16-2071  | A-4455-AZ07A(565) |
| 22-16-2081  | A-4455-AZ08A(565) |
| 22-16-2091  | A-4455-AZ09A(565) |
| 22-16-2101  | A-4455-AZ10A(565) |
| 22-16-2111  | A-4455-AZ11A(565) |
| 22-16-2121  | A-4455-AZ12A(565) |
| 22-16-2131  | A-4455-AZ13A(565) |
| 22-16-2141  | A-4455-AZ14A(565) |
| 22-16-2151  | A-4455-AZ15A(565) |
| 22-16-2161  | A-4455-AZ16A(565) |
| 22-16-2171  | A-4455-AZ17A(565) |
| 22-16-2181  | A-4455-AZ18A(565) |
| 22-16-2191  | A-4455-AZ19A(565) |
| 22-16-2201  | A-4455-AZ20A(565) |
| 22-16-2211  | A-4455-AZ21A(565) |
| 22-16-2221  | A-4455-AZ22A(565) |
| 22-16-2231  | A-4455-AZ23A(565) |
| 22-16-2241  | A-4455-AZ24A(565) |
| 22-16-2251  | A-4455-AZ25A(565) |

|                  |                       |                                                  |               |
|------------------|-----------------------|--------------------------------------------------|---------------|
| REV:             | ECR/ECN INFORMATION:  | TITLE:                                           | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY</b><br><b>4455 SERIES DWG</b> | <b>- 2 -</b>  |
|                  | DATE: 1/8/2015        |                                                  |               |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY:                                      | APPROVED BY:  |
| <b>SDA-4455</b>  | <b>MKIPPER</b>        | <b>BANDERSON</b>                                 | <b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC(SIZE\_A)(V.1).DOC



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# **KK 100 PCB ASSY 2-25 CKT** **4455 SERIES**

STANDARD PRODUCT

| Ckts | 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                |
|      | 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) | 22-17-2182              | A-4455-BH 18 D(565) | 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) | 22-17-2192              | A-4455-BH 19 D(565) | 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   | 22-16-2210             | A-4455-AZ 21 A(208) | 22-14-2214              | A-4455-BH 21 D(P909) | 22-17-2212              | A-4455-BH 21 D(565) | 22-17-3212              | A-4455-BH 21 D(208) |
| 22   | 22-16-2220             | A-4455-AZ 22 A(208) | 22-14-2224              | A-4455-BH 22 D(P909) | 22-17-2222              | A-4455-BH 22 D(565) | 22-17-3222              | A-4455-BH 22 D(208) |
| 23   | 22-16-2230             | A-4455-AZ 23 A(208) | 22-14-2234              | A-4455-BH 23 D(P909) | 22-17-2232              | A-4455-BH 23 D(565) | 22-17-3232              | A-4455-BH 23 D(208) |
| 24   | 22-16-2240             | A-4455-AZ 24 A(208) | 22-14-2244              | A-4455-BH 24 D(P909) | 22-17-2242              | A-4455-BH 24 D(565) | 22-17-3242              | A-4455-BH 24 D(208) |
| 25   | 22-16-2250             | A-4455-AZ 25 A(208) | 22-14-2254              | A-4455-BH 25 D(P909) | 22-17-2252              | A-4455-BH 25 D(565) | 22-17-3252              | A-4455-BH 25 D(208) |

| REV:             | ECR/ECN INFORMATION: |                       | TITLE:                                           | SHEET No.     |
|------------------|----------------------|-----------------------|--------------------------------------------------|---------------|
|                  | EC No.:              | UCP2014-4914          |                                                  |               |
| <b>D13</b>       | DATE:                | 1/8/2015              | <b>KK 100 PCB ASSY</b><br><b>4455 SERIES DWG</b> | <b>- 3 -</b>  |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY: | CHECKED BY:                                      | APPROVED BY:  |
| <b>SDA-4455</b>  |                      | <b>MKIPPER</b>        | <b>BANDERSON</b>                                 | <b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | 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                  |
| 2    | Housing No:          | 4455-N               | Housing No:          | 4455-N              | Housing No:          | 4455-N              | Housing No:            | 4455-N              |
| 3    | Terminal No:         | 4316-4(P909)         | Terminal No:         | 4316-4(565)         | Terminal No:         | 4316-4(208)         | Terminal No:           | 6516-4(P909)        |
| 4    | Dim C:               | 3.35 / .132          | Dim C:               | 3.35 / .132         | Dim C:               | 3.35 / .132         | Dim C:                 | 3.35 / .132         |
| 5    | Plating:             | P909                 | Plating:             | 565                 | Plating:             | 208                 | Plating:               | P909                |
| 6    | Packaging:           | PK-44646-001         | Packaging:           | PK-44646-001        | Packaging:           | PK-44646-001        | Packaging:             | PK-44646-001        |
| 7    | Voids:               | NONE                 | Voids:               | NONE                | Voids:               | NONE                | Voids:                 | NONE                |
| 8    | Material No          | Engineer Number      | Material No          | Engineer Number     | Material No          | Engineer Number     | Material No            | Engineer Number     |
| 9    | 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)  |
| 10   | 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) |
| 11   | 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) |
| 12   | 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) |
| 13   | 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) |
| 14   | 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) |
| 15   | 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) |
| 16   | 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) |
| 17   | 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) |
| 18   | 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) |
| 19   | 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) |
| 20   | 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) |
| 21   | 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) |
| 22   | 22-02-2155           | A-4455-CZ 15 A(P909) | 22-18-2153           | A-4455-CZ 15 A(565) | 22-18-2151           | A-4455-CZ 15 A(208) | 22-15-4155             | A-4455-AZ 15B(P909) |
| 23   | 22-02-2165           | A-4455-CZ 16 A(P909) | 22-18-2163           | A-4455-CZ 16 A(565) | 22-18-2161           | A-4455-CZ 16 A(208) | 22-15-4165             | A-4455-AZ 16B(P909) |
| 24   | 22-02-2175           | A-4455-CZ 17 A(P909) | 22-18-2173           | A-4455-CZ 17 A(565) | 22-18-2171           | A-4455-CZ 17 A(208) | 22-15-4175             | A-4455-AZ 17B(P909) |
| 25   | 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) |
|      | 22-02-2195           | A-4455-CZ 19 A(P909) | 22-18-2193           | A-4455-CZ 19 A(565) | 22-18-2191           | A-4455-CZ 19 A(208) | 22-15-4195             | A-4455-AZ 19B(P909) |
|      | 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) |
|      | 22-02-2215           | A-4455-CZ 21 A(P909) | 22-18-2213           | A-4455-CZ 21 A(565) | 22-18-2211           | A-4455-CZ 21 A(208) | 22-15-4215             | A-4455-AZ 21B(P909) |
|      | 22-02-2225           | A-4455-CZ 22 A(P909) | 22-18-2223           | A-4455-CZ 22 A(565) | 22-18-2221           | A-4455-CZ 22 A(208) | 22-15-4225             | A-4455-AZ 22B(P909) |
|      | 22-02-2235           | A-4455-CZ 23 A(P909) | 22-18-2233           | A-4455-CZ 23 A(565) | 22-18-2231           | A-4455-CZ 23 A(208) | 22-15-4235             | A-4455-AZ 23B(P909) |
|      | 22-02-2245           | A-4455-CZ 24 A(P909) | 22-18-2243           | A-4455-CZ 24 A(565) | 22-18-2241           | A-4455-CZ 24 A(208) | 22-15-4245             | A-4455-AZ 24B(P909) |
|      | 22-02-2255           | A-4455-CZ 25 A(P909) | 22-18-2253           | A-4455-CZ 25 A(565) | 22-18-2251           | A-4455-CZ 25 A(208) | 22-15-4255             | A-4455-AZ 25B(P909) |

| REV:             | ECR/ECN INFORMATION: |                       | TITLE:                                     | SHEET No.     |
|------------------|----------------------|-----------------------|--------------------------------------------|---------------|
|                  | EC No.:              | UCP2014-4914          |                                            |               |
| <b>D13</b>       | DATE:                | 1/8/2015              | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 4 -</b>  |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY: | CHECKED BY:                                | APPROVED BY:  |
| <b>SDA-4455</b>  |                      | <b>MKIPPER</b>        | <b>BANDERSON</b>                           | <b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT

### 4455 SERIES

| Ckts | 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                  |
| 2    | Housing No:            | 4455-N              | Housing No:            | 4455-N              | Housing No:             | 4455-N2             | Housing No:             | 4455-N2             |
| 3    | Terminal No:           | 6516-4(565)         | Terminal No:           | 6516-4(208)         | Terminal No:            | 6516-3B(565)        | Terminal No:            | 6516-3B(208)        |
| 4    | Dim C:                 | 3.35 / .132         | Dim C:                 | 3.35 / .132         | Dim C:                  | 3.35 / .132         | Dim C:                  | 3.35 / .132         |
| 5    | Plating:               | 565                 | Plating:               | 208                 | Plating:                | 565                 | Plating:                | 208                 |
| 6    | Packaging:             | PK-44646-001        | Packaging:             | PK-44646-001        | Packaging:              | PK-44646-001        | Packaging:              | PK-44646-001        |
| 7    | Voids:                 | NONE                | Voids:                 | NONE                | Voids:                  | NONE                | Voids:                  | NONE                |
| 8    |                        |                     |                        |                     |                         |                     |                         |                     |
| 9    | Material No            | Engineer Number     | Material No            | Engineer Number     | Material No             | Engineer Number     | Material No             | Engineer Number     |
| 10   | 22-16-2024             | A-4455-AZ02B(565)   | 22-17-2021             | A-4455-AZ02B(208)   | 22-17-2021              | A-4455-BH02J(565)   | 22-17-2021              | A-4455-BH02J(208)   |
| 11   | 22-16-2034             | A-4455-AZ 03 B(565) | 22-17-2031             | A-4455-AZ 03 B(208) | 22-17-2031              | A-4455-BH 03 J(565) | 22-17-2031              | A-4455-BH 03 J(208) |
| 12   | 22-16-2044             | A-4455-AZ 04 B(565) | 22-17-2041             | A-4455-AZ 04 B(208) | 22-17-2041              | A-4455-BH 04 J(565) | 22-17-2041              | A-4455-BH 04 J(208) |
| 13   | 22-16-2054             | A-4455-AZ 05 B(565) | 22-17-2051             | A-4455-AZ 05 B(208) | 22-17-2051              | A-4455-BH 05 J(565) | 22-17-2051              | A-4455-BH 05 J(208) |
| 14   | 22-16-2064             | A-4455-AZ 06 B(565) | 22-17-2061             | A-4455-AZ 06 B(208) | 22-17-2061              | A-4455-BH 06 J(565) | 22-17-2061              | A-4455-BH 06 J(208) |
| 15   | 22-16-2074             | A-4455-AZ 07 B(565) | 22-17-2071             | A-4455-AZ 07 B(208) | 22-17-2071              | A-4455-BH 07 J(565) | 22-17-2071              | A-4455-BH 07 J(208) |
| 16   | 22-16-2084             | A-4455-AZ 08 B(565) | 22-17-2081             | A-4455-AZ 08 B(208) | 22-17-2081              | A-4455-BH 08 J(565) | 22-17-2081              | A-4455-BH 08 J(208) |
| 17   | 22-16-2094             | A-4455-AZ 09 B(565) | 22-17-2091             | A-4455-AZ 09 B(208) | 22-17-2091              | A-4455-BH 09 J(565) | 22-17-2091              | A-4455-BH 09 J(208) |
| 18   | 22-16-2104             | A-4455-AZ 10 B(565) | 22-17-2101             | A-4455-AZ 10 B(208) | 22-17-2101              | A-4455-BH 10 J(565) | 22-17-2101              | A-4455-BH 10 J(208) |
| 19   | 22-16-2114             | A-4455-AZ 11 B(565) | 22-17-2111             | A-4455-AZ 11 B(208) | 22-17-2111              | A-4455-BH 11 J(565) | 22-17-2111              | A-4455-BH 11 J(208) |
| 20   | 22-16-2124             | A-4455-AZ 12 B(565) | 22-17-2121             | A-4455-AZ 12 B(208) | 22-17-2121              | A-4455-BH 12 J(565) | 22-17-2121              | A-4455-BH 12 J(208) |
| 21   | 22-16-2134             | A-4455-AZ 13 B(565) | 22-17-2131             | A-4455-AZ 13 B(208) | 22-17-2131              | A-4455-BH 13 J(565) | 22-17-2131              | A-4455-BH 13 J(208) |
| 22   | 22-16-2144             | A-4455-AZ 14 B(565) | 22-17-2141             | A-4455-AZ 14 B(208) | 22-17-2141              | A-4455-BH 14 J(565) | 22-17-2141              | A-4455-BH 14 J(208) |
| 23   | 22-16-2154             | A-4455-AZ 15 B(565) | 22-17-2151             | A-4455-AZ 15 B(208) | 22-17-2151              | A-4455-BH 15 J(565) | 22-17-2151              | A-4455-BH 15 J(208) |
| 24   | 22-16-2164             | A-4455-AZ 16 B(565) | 22-17-2161             | A-4455-AZ 16 B(208) | 22-17-2161              | A-4455-BH 16 J(565) | 22-17-2161              | A-4455-BH 16 J(208) |
| 25   | 22-16-2174             | A-4455-AZ 17 B(565) | 22-17-2171             | A-4455-AZ 17 B(208) | 22-17-2171              | A-4455-BH 17 J(565) | 22-17-2171              | A-4455-BH 17 J(208) |
|      | 22-16-2184             | A-4455-AZ 18 B(565) | 22-17-2181             | A-4455-AZ 18 B(208) | 22-17-2181              | A-4455-BH 18 J(565) | 22-17-2181              | A-4455-BH 18 J(208) |
|      | 22-16-2194             | A-4455-AZ 19 B(565) | 22-17-2191             | A-4455-AZ 19 B(208) | 22-17-2191              | A-4455-BH 19 J(565) | 22-17-2191              | A-4455-BH 19 J(208) |
|      | 22-16-2204             | A-4455-AZ 20 B(565) | 22-17-2201             | A-4455-AZ 20 B(208) | 22-17-2201              | A-4455-BH 20 J(565) | 22-17-2201              | A-4455-BH 20 J(208) |
|      | 22-16-2214             | A-4455-AZ 21 B(565) | 22-17-2211             | A-4455-AZ 21 B(208) | 22-17-2211              | A-4455-BH 21 J(565) | 22-17-2211              | A-4455-BH 21 J(208) |
|      | 22-16-2224             | A-4455-AZ 22 B(565) | 22-17-2221             | A-4455-AZ 22 B(208) | 22-17-2221              | A-4455-BH 22 J(565) | 22-17-2221              | A-4455-BH 22 J(208) |
|      | 22-16-2234             | A-4455-AZ 23 B(565) | 22-17-2231             | A-4455-AZ 23 B(208) | 22-17-2231              | A-4455-BH 23 J(565) | 22-17-2231              | A-4455-BH 23 J(208) |
|      | 22-16-2244             | A-4455-AZ 24 B(565) | 22-17-2241             | A-4455-AZ 24 B(208) | 22-17-2241              | A-4455-BH 24 J(565) | 22-17-2241              | A-4455-BH 24 J(208) |
|      | 22-16-2254             | A-4455-AZ 25 B(565) | 22-17-2251             | A-4455-AZ 25 B(208) | 22-17-2251              | A-4455-BH 25 J(565) | 22-17-2251              | A-4455-BH 25 J(208) |

|                                            |                             |                                                |                                                                 |                                      |
|--------------------------------------------|-----------------------------|------------------------------------------------|-----------------------------------------------------------------|--------------------------------------|
| REV: <b>D13</b>                            | <b>ECR/ECN INFORMATION:</b> |                                                | <b>TITLE:</b><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>SHEET No.</b><br><br><b>- 5 -</b> |
|                                            | EC No.:                     | UCP2014-4914                                   |                                                                 |                                      |
|                                            | DATE:                       | 1/8/2015                                       |                                                                 |                                      |
| <b>DOCUMENT NUMBER:</b><br><b>SDA-4455</b> |                             | <b>CREATED / REVISED BY:</b><br><b>MKIPPER</b> | <b>CHECKED BY:</b><br><b>BANDERSON</b>                          | <b>APPROVED BY:</b><br><b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: TOP ENTRY |                 | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                 | Assy Proc: RIGHT ANGLE |                     |
|------|----------------------|-----------------|----------------------|---------------------|----------------------|-----------------|------------------------|---------------------|
|      | Material No          | Engineer Number | Material No          | Engineer Number     | Material No          | Engineer Number | Material No            | Engineer Number     |
| 2    | A-4455-CZ02B(P909)   |                 | 22-18-2022           | A-4455-CZ02B(565)   | A-4455-CZ02B(208)    |                 |                        |                     |
| 3    | A-4455-CZ 03 B(P909) |                 | 22-18-2032           | A-4455-CZ 03 B(565) | A-4455-CZ 03B(208)   |                 |                        |                     |
| 4    | A-4455-CZ 04 B(P909) |                 | 22-18-2042           | A-4455-CZ 04 B(565) | A-4455-CZ 04 B(208)  |                 |                        |                     |
| 5    | A-4455-CZ 05 B(P909) |                 | 22-18-2052           | A-4455-CZ 05 B(565) | A-4455-CZ 05 B(208)  |                 |                        |                     |
| 6    | A-4455-CZ 06 B(P909) |                 | 22-18-2062           | A-4455-CZ 06 B(565) | A-4455-CZ 06 B(208)  |                 |                        |                     |
| 7    | A-4455-CZ 07 B(P909) |                 | 22-18-2072           | A-4455-CZ 07 B(565) | A-4455-CZ 07 B(208)  |                 | 22-15-2075             | A-4455-AA07A(P909)  |
| 8    | A-4455-CZ 08 B(P909) |                 | 22-18-2082           | A-4455-CZ 08 B(565) | A-4455-CZ 08 B(208)  |                 | 22-15-2085             | A-4455-AA 08A(P909) |
| 9    | A-4455-CZ 09 B(P909) |                 | 22-18-2092           | A-4455-CZ 09 B(565) | A-4455-CZ 09 B(208)  |                 | 22-15-2095             | A-4455-AA 09A(P909) |
| 10   | A-4455-CZ 10 B(P909) |                 | 22-18-2102           | A-4455-CZ 10 B(565) | A-4455-CZ 10 B(208)  |                 | 22-15-2105             | A-4455-AA 10A(P909) |
| 11   | A-4455-CZ 11 B(P909) |                 | 22-18-2112           | A-4455-CZ 11 B(565) | A-4455-CZ 11 B(208)  |                 | 22-15-2115             | A-4455-AA 11A(P909) |
| 12   | A-4455-CZ 12 B(P909) |                 | 22-18-2122           | A-4455-CZ 12 B(565) | A-4455-CZ 12 B(208)  |                 | 22-15-2125             | A-4455-AA 12A(P909) |
| 13   | A-4455-CZ 13 B(P909) |                 | 22-18-2132           | A-4455-CZ 13 B(565) | A-4455-CZ 13 B(208)  |                 | 22-15-2135             | A-4455-AA 13A(P909) |
| 14   | A-4455-CZ 14 B(P909) |                 | 22-18-2142           | A-4455-CZ 14 B(565) | A-4455-CZ 14 B(208)  |                 | 22-15-2145             | A-4455-AA 14A(P909) |
| 15   | A-4455-CZ 15 B(P909) |                 | 22-18-2152           | A-4455-CZ 15 B(565) | A-4455-CZ 15 B(208)  |                 | 22-15-2155             | A-4455-AA 15A(P909) |
| 16   | A-4455-CZ 16 B(P909) |                 | 22-18-2162           | A-4455-CZ 16 B(565) | A-4455-CZ 16 B(208)  |                 | 22-15-2165             | A-4455-AA 16A(P909) |
| 17   | A-4455-CZ 17 B(P909) |                 | 22-18-2172           | A-4455-CZ 17 B(565) | A-4455-CZ 17 B(208)  |                 | 22-15-2175             | A-4455-AA 17A(P909) |
| 18   | A-4455-CZ 18 B(P909) |                 | 22-18-2182           | A-4455-CZ 18 B(565) | A-4455-CZ 18 B(208)  |                 | 22-15-2185             | A-4455-AA 18A(P909) |
| 19   | A-4455-CZ 19 B(P909) |                 | 22-18-2192           | A-4455-CZ 19 B(565) | A-4455-CZ 19 B(208)  |                 | 22-15-2195             | A-4455-AA 19A(P909) |
| 20   | A-4455-CZ 20 B(P909) |                 | 22-18-2202           | A-4455-CZ 20 B(565) | A-4455-CZ 20 B(208)  |                 | 22-15-2205             | A-4455-AA 20A(P909) |
| 21   | A-4455-CZ 21 B(P909) |                 | 22-18-2212           | A-4455-CZ 21 B(565) | A-4455-CZ 21 B(208)  |                 | 22-15-2215             | A-4455-AA 21A(P909) |
| 22   | A-4455-CZ 22 B(P909) |                 | 22-18-2222           | A-4455-CZ 22 B(565) | A-4455-CZ 22 B(208)  |                 | 22-15-2225             | A-4455-AA 22A(P909) |
| 23   | A-4455-CZ 23 B(P909) |                 | 22-18-2232           | A-4455-CZ 23 B(565) | A-4455-CZ 23 B(208)  |                 | 22-15-2235             | A-4455-AA 23A(P909) |
| 24   | A-4455-CZ 24 B(P909) |                 | 22-18-2242           | A-4455-CZ 24 B(565) | A-4455-CZ 24 B(208)  |                 | 22-15-2245             | A-4455-AA 24A(P909) |
| 25   | A-4455-CZ 25 B(P909) |                 | 22-18-2252           | A-4455-CZ 25 B(565) | A-4455-CZ 25 B(208)  |                 | 22-15-2255             | A-4455-AA 25A(P909) |

|                                            |                                                      |                                                                 |                                        |
|--------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------|
| REV:<br><b>D13</b>                         | <b>ECR/ECN INFORMATION:</b>                          | <b>TITLE:</b><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>SHEET No.</b><br><br><b>- 6 -</b>   |
|                                            | EC No.: <b>UCP2014-4914</b><br>DATE: <b>1/8/2015</b> |                                                                 |                                        |
| <b>DOCUMENT NUMBER:</b><br><b>SDA-4455</b> |                                                      | <b>CREATED / REVISED BY:</b><br><b>MKIPPER</b>                  | <b>CHECKED BY:</b><br><b>BANDERSON</b> |
|                                            |                                                      | <b>APPROVED BY:</b><br><b>FSMITH</b>                            |                                        |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: RIGHT ANGLE |                     | Assy Proc: RIGHT ANGLE         |                 | Assy Proc: RIGHT ANGLE |                     | Assy Proc: RIGHT ANGLE |                     |
|------|------------------------|---------------------|--------------------------------|-----------------|------------------------|---------------------|------------------------|---------------------|
|      | Material No            | Engineer Number     | Material No                    | Engineer Number | Material No            | Engineer Number     | Material No            | Engineer Number     |
| 2    |                        |                     | A-4455-AB02A(228)              |                 | 22-15-4024             | A-4455-AB02A(P909)  | 22-15-2022             | A-4455-AE02A(P909)  |
| 3    |                        |                     | A-4455-AB 03 A(228)            |                 | 22-15-4034             | A-4455-AB 03A(P909) | 22-15-2032             | A-4455-AE 03A(P909) |
| 4    |                        |                     | A-4455-AB 04 A(228)            |                 | 22-15-4044             | A-4455-AB 04A(P909) | 22-15-2042             | A-4455-AE 04A(P909) |
| 5    |                        |                     | A-4455-AB 05 A(228)            |                 | 22-15-4054             | A-4455-AB 05A(P909) | 22-15-2052             | A-4455-AE 05A(P909) |
| 6    |                        |                     | 50-34-8518 A-4455-AB 06 A(228) |                 | 22-15-4064             | A-4455-AB 06A(P909) | 22-15-2062             | A-4455-AE 06A(P909) |
| 7    | 22-16-2076             | A-4455-AA07A(208)   | A-4455-AB 07 A(228)            |                 | 22-15-4074             | A-4455-AB 07A(P909) | 22-15-2072             | A-4455-AE 07A(P909) |
| 8    | 22-16-2086             | A-4455-AA 08 A(208) | A-4455-AB 08 A(228)            |                 | 22-15-4084             | A-4455-AB 08A(P909) | 22-15-2082             | A-4455-AE 08A(P909) |
| 9    | 22-16-2096             | A-4455-AA 09 A(208) | A-4455-AB 09 A(228)            |                 | 22-15-4094             | A-4455-AB 09A(P909) | 22-15-2092             | A-4455-AE 09A(P909) |
| 10   | 22-16-2106             | A-4455-AA 10 A(208) | A-4455-AB 10 A(228)            |                 | 22-15-4104             | A-4455-AB 10A(P909) | 22-15-2102             | A-4455-AE 10A(P909) |
| 11   | 22-16-2116             | A-4455-AA 11 A(208) | A-4455-AB 11 A(228)            |                 | 22-15-4114             | A-4455-AB 11A(P909) | 22-15-2112             | A-4455-AE 11A(P909) |
| 12   | 22-16-2126             | A-4455-AA 12 A(208) | A-4455-AB 12 A(228)            |                 | 22-15-4124             | A-4455-AB 12A(P909) | 22-15-2122             | A-4455-AE 12A(P909) |
| 13   | 22-16-2136             | A-4455-AA 13 A(208) | A-4455-AB 13 A(228)            |                 | 22-15-4134             | A-4455-AB 13A(P909) | 22-15-2132             | A-4455-AE 13A(P909) |
| 14   | 22-16-2146             | A-4455-AA 14 A(208) | A-4455-AB 14 A(228)            |                 | 22-15-4144             | A-4455-AB 14A(P909) | 22-15-2142             | A-4455-AE 14A(P909) |
| 15   | 22-16-2156             | A-4455-AA 15 A(208) | A-4455-AB 15 A(228)            |                 | 22-15-4154             | A-4455-AB 15A(P909) | 22-15-2152             | A-4455-AE 15A(P909) |
| 16   | 22-16-2166             | A-4455-AA 16 A(208) | A-4455-AB 16 A(228)            |                 | 22-15-4164             | A-4455-AB 16A(P909) | 22-15-2162             | A-4455-AE 16A(P909) |
| 17   | 22-16-2176             | A-4455-AA 17 A(208) | A-4455-AB 17 A(228)            |                 | 22-15-4174             | A-4455-AB 17A(P909) | 22-15-2172             | A-4455-AE 17A(P909) |
| 18   | 22-16-2186             | A-4455-AA 18 A(208) | A-4455-AB 18 A(228)            |                 | 22-15-4184             | A-4455-AB 18A(P909) | 22-15-2182             | A-4455-AE 18A(P909) |
| 19   | 22-16-2196             | A-4455-AA 19 A(208) | A-4455-AB 19 A(228)            |                 | 22-15-4194             | A-4455-AB 19A(P909) | 22-15-2192             | A-4455-AE 19A(P909) |
| 20   | 22-16-2206             | A-4455-AA 20 A(208) | A-4455-AB 20 A(228)            |                 | 22-15-4204             | A-4455-AB 20A(P909) | 22-15-2202             | A-4455-AE 20A(P909) |
| 21   | 22-16-2216             | A-4455-AA 21 A(208) | A-4455-AB 21 A(228)            |                 | 22-15-4214             | A-4455-AB 21A(P909) | 22-15-2212             | A-4455-AE 21A(P909) |
| 22   | 22-16-2226             | A-4455-AA 22 A(208) | A-4455-AB 22 A(228)            |                 | 22-15-4224             | A-4455-AB 22A(P909) | 22-15-2222             | A-4455-AE 22A(P909) |
| 23   | 22-16-2236             | A-4455-AA 23 A(208) | A-4455-AB 23 A(228)            |                 | 22-15-4234             | A-4455-AB 23A(P909) | 22-15-2232             | A-4455-AE 23A(P909) |
| 24   | 22-16-2246             | A-4455-AA 24 A(208) | 22-17-3240 A-4455-AB 24 A(228) |                 | 22-15-4244             | A-4455-AB 24A(P909) | 22-15-2242             | A-4455-AE 24A(P909) |
| 25   | 22-16-2256             | A-4455-AA 25 A(208) | A-4455-AB 25 A(228)            |                 | 22-15-4254             | A-4455-AB 25A(P909) | 22-15-2252             | A-4455-AE 25A(P909) |

|                                                |                             |                                                    |                                                                 |                                          |
|------------------------------------------------|-----------------------------|----------------------------------------------------|-----------------------------------------------------------------|------------------------------------------|
| REV:<br><br><b>D13</b>                         | <b>ECR/ECN INFORMATION:</b> |                                                    | <u>TITLE:</u><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <u>SHEET No.</u><br><br><b>- 7 -</b>     |
|                                                | <u>EC No.:</u>              | <b>UCP2014-4914</b>                                |                                                                 |                                          |
|                                                | <u>DATE:</u>                | <b>1/8/2015</b>                                    |                                                                 |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SDA-4455</b> |                             | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b> | <u>CHECKED BY:</u><br><br><b>BANDERSON</b>                      | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT

### 4455 SERIES

| Ckts | Assy Proc: RIGHT ANGLE |                      | Assy Proc: RIGHT ANGLE         |                 | Assy Proc: RIGHT ANGLE |                     | Assy Proc: RIGHT ANGLE |                     |
|------|------------------------|----------------------|--------------------------------|-----------------|------------------------|---------------------|------------------------|---------------------|
|      | Material No            | Engineer Number      | Material No                    | Engineer Number | Material No            | Engineer Number     | Material No            | Engineer Number     |
| 2    | 22-15-4022             | A-4455-AR02A(P909)   | A-4455-AZ02A(228)              |                 | 22-17-5023             | A-4455-AZ02B(228)   | 22-16-2022             | A-4455-AZ02B(228)   |
| 3    | 22-15-4032             | A-4455-AR 03 A(P909) | A-4455-AZ 03 A(228)            |                 | 22-17-5033             | A-4455-AZ 03 B(228) | 22-16-2032             | A-4455-AZ 03 B(228) |
| 4    | 22-15-4042             | A-4455-AR 04 A(P909) | A-4455-AZ 04 A(228)            |                 | 22-17-5043             | A-4455-AZ 04 B(228) | 22-16-2042             | A-4455-AZ 04 B(228) |
| 5    | 22-15-4052             | A-4455-AR 05 A(P909) | A-4455-AZ 05 A(228)            |                 | 22-17-5053             | A-4455-AZ 05 B(228) | 22-16-2052             | A-4455-AZ 05 B(228) |
| 6    | 22-15-4062             | A-4455-AR 06 A(P909) | A-4455-AZ 06 A(228)            |                 | 22-17-5063             | A-4455-AZ 06 B(228) | 22-16-2062             | A-4455-AZ 06 B(228) |
| 7    | 22-15-4072             | A-4455-AR 07 A(P909) | A-4455-AZ 07 A(228)            |                 | 22-17-5073             | A-4455-AZ 07 B(228) | 22-16-2072             | A-4455-AZ 07 B(228) |
| 8    | 22-15-4082             | A-4455-AR 08 A(P909) | A-4455-AZ 08 A(228)            |                 | 22-17-5083             | A-4455-AZ 08 B(228) | 22-16-2082             | A-4455-AZ 08 B(228) |
| 9    | 22-15-4092             | A-4455-AR 09 A(P909) | A-4455-AZ 09 A(228)            |                 | 22-17-5093             | A-4455-AZ 09 B(228) | 22-16-2092             | A-4455-AZ 09 B(228) |
| 10   | 22-15-4102             | A-4455-AR 10 A(P909) | A-4455-AZ 10 A(228)            |                 | 22-17-5103             | A-4455-AZ 10 B(228) | 22-16-2102             | A-4455-AZ 10 B(228) |
| 11   | 22-15-4112             | A-4455-AR 11 A(P909) | A-4455-AZ 11 A(228)            |                 | 22-17-5113             | A-4455-AZ 11 B(228) | 22-16-2112             | A-4455-AZ 11 B(228) |
| 12   | 22-15-4122             | A-4455-AR 12 A(P909) | A-4455-AZ 12 A(228)            |                 | 22-17-5123             | A-4455-AZ 12 B(228) | 22-16-2122             | A-4455-AZ 12 B(228) |
| 13   | 22-15-4132             | A-4455-AR 13 A(P909) | A-4455-AZ 13 A(228)            |                 | 22-17-5133             | A-4455-AZ 13 B(228) | 22-16-2132             | A-4455-AZ 13 B(228) |
| 14   | 22-15-4142             | A-4455-AR 14 A(P909) | A-4455-AZ 14 A(228)            |                 | 22-17-5143             | A-4455-AZ 14 B(228) | 22-16-2142             | A-4455-AZ 14 B(228) |
| 15   | 22-15-4152             | A-4455-AR 15 A(P909) | A-4455-AZ 15 A(228)            |                 | 22-17-5153             | A-4455-AZ 15 B(228) | 22-16-2152             | A-4455-AZ 15 B(228) |
| 16   | 22-15-4162             | A-4455-AR 16 A(P909) | A-4455-AZ 16 A(228)            |                 | 22-17-5163             | A-4455-AZ 16 B(228) | 22-16-2162             | A-4455-AZ 16 B(228) |
| 17   | 22-15-4172             | A-4455-AR 17 A(P909) | A-4455-AZ 17 A(228)            |                 | 22-17-5173             | A-4455-AZ 17 B(228) | 22-16-2172             | A-4455-AZ 17 B(228) |
| 18   | 22-15-4182             | A-4455-AR 18 A(P909) | A-4455-AZ 18 A(228)            |                 | 22-17-5183             | A-4455-AZ 18 B(228) | 22-16-2182             | A-4455-AZ 18 B(228) |
| 19   | 22-15-4192             | A-4455-AR 19 A(P909) | A-4455-AZ 19 A(228)            |                 | 22-17-5193             | A-4455-AZ 19 B(228) | 22-16-2192             | 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) | 22-16-2202             | A-4455-AZ 20 B(228) |
| 21   | 22-15-4212             | A-4455-AR 21 A(P909) | A-4455-AZ 21 A(228)            |                 | 22-17-5213             | A-4455-AZ 21 B(228) | 22-16-2212             | A-4455-AZ 21 B(228) |
| 22   | 22-15-4222             | A-4455-AR 22 A(P909) | A-4455-AZ 22 A(228)            |                 | 22-17-5223             | A-4455-AZ 22 B(228) | 22-16-2222             | A-4455-AZ 22 B(228) |
| 23   | 22-15-4232             | A-4455-AR 23 A(P909) | A-4455-AZ 23 A(228)            |                 | 22-17-5233             | A-4455-AZ 23 B(228) | 22-16-2232             | A-4455-AZ 23 B(228) |
| 24   | 22-15-4242             | A-4455-AR 24 A(P909) | 22-17-3247 A-4455-AZ 24 A(228) |                 | 22-17-5243             | A-4455-AZ 24 B(228) | 22-16-2242             | A-4455-AZ 24 B(228) |
| 25   | 22-15-4252             | A-4455-AR 25 A(P909) | A-4455-AZ 25 A(228)            |                 | 22-17-5253             | A-4455-AZ 25 B(228) | 22-16-2252             | A-4455-AZ 25 B(228) |

| REV: D13         |  | ECR/ECN INFORMATION:  | TITLE:                             | SHEET No.    |
|------------------|--|-----------------------|------------------------------------|--------------|
|                  |  | EC No.: UCP2014-4914  | KK 100 PCB ASSY<br>4455 SERIES DWG | - 8 -        |
|                  |  | DATE: 1/8/2015        |                                    |              |
| DOCUMENT NUMBER: |  | CREATED / REVISED BY: | CHECKED BY:                        | APPROVED BY: |
| SDA-4455         |  | MKIPPER               | BANDERSON                          | FSMITH       |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: BOTTOM ENTRY |                   | Assy Proc: BOTTOM ENTRY |                     | Assy Proc: BOTTOM ENTRY |                   | Assy Proc: BOTTOM ENTRY |                   |
|------|-------------------------|-------------------|-------------------------|---------------------|-------------------------|-------------------|-------------------------|-------------------|
|      | Material No             | Engineer Number   | Material No             | Engineer Number     | Material No             | Engineer Number   | Material No             | Engineer Number   |
| 2    | 22-17-2024              | A-4455-BH02D(228) |                         | A-4455-BH02D(231)   |                         | A-4455-BH02D(228) | 22-17-2027              | A-4455-BH02J(228) |
| 3    | 22-17-2034              | A-4455-BH03D(228) |                         | A-4455-BH 03 D(231) |                         | A-4455-BH03D(228) | 22-17-2037              | A-4455-BH03J(228) |
| 4    | 22-17-2044              | A-4455-BH04D(228) |                         | A-4455-BH 04 D(231) |                         | A-4455-BH04D(228) | 22-17-2047              | A-4455-BH04J(228) |
| 5    | 22-17-2054              | A-4455-BH05D(228) |                         | A-4455-BH 05 D(231) | 22-17-3056              | A-4455-BH05D(228) | 22-17-2057              | A-4455-BH05J(228) |
| 6    | 22-17-2064              | A-4455-BH06D(228) |                         | A-4455-BH 06 D(231) | 22-17-3066              | A-4455-BH06D(228) | 22-17-2067              | A-4455-BH06J(228) |
| 7    | 22-17-2074              | A-4455-BH07D(228) |                         | A-4455-BH 07 D(231) |                         | A-4455-BH07D(228) | 22-17-2077              | A-4455-BH07J(228) |
| 8    | 22-17-2084              | A-4455-BH08D(228) |                         | A-4455-BH 08 D(231) | 22-17-3086              | A-4455-BH08D(228) | 22-17-2087              | A-4455-BH08J(228) |
| 9    | 22-17-2094              | A-4455-BH09D(228) |                         | A-4455-BH 09 D(231) |                         | A-4455-BH09D(228) | 22-17-2097              | A-4455-BH09J(228) |
| 10   | 22-17-2104              | A-4455-BH10D(228) |                         | A-4455-BH 10 D(231) |                         | A-4455-BH10D(228) | 22-17-2107              | A-4455-BH10J(228) |
| 11   | 22-17-2114              | A-4455-BH11D(228) |                         | A-4455-BH 11 D(231) |                         | A-4455-BH11D(228) | 22-17-2117              | A-4455-BH11J(228) |
| 12   | 22-17-2124              | A-4455-BH12D(228) |                         | A-4455-BH 12 D(231) |                         | A-4455-BH12D(228) | 22-17-2127              | A-4455-BH12J(228) |
| 13   | 22-17-2134              | A-4455-BH13D(228) |                         | A-4455-BH 13 D(231) |                         | 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   | 22-17-2154              | A-4455-BH15D(228) |                         | A-4455-BH 15 D(231) |                         | A-4455-BH15D(228) | 22-17-2157              | A-4455-BH15J(228) |
| 16   | 22-17-2164              | A-4455-BH16D(228) |                         | A-4455-BH 16 D(231) |                         | A-4455-BH16D(228) | 22-17-2167              | A-4455-BH16J(228) |
| 17   | 22-17-2174              | A-4455-BH17D(228) |                         | A-4455-BH 17 D(231) |                         | A-4455-BH17D(228) | 22-17-2177              | A-4455-BH17J(228) |
| 18   | 22-17-2184              | A-4455-BH18D(228) |                         | A-4455-BH 18 D(231) |                         | A-4455-BH18D(228) | 22-17-2187              | A-4455-BH18J(228) |
| 19   | 22-17-2194              | A-4455-BH19D(228) |                         | A-4455-BH 19 D(231) | 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) |                         | A-4455-BH 21 D(231) |                         | A-4455-BH21D(228) | 22-17-2217              | A-4455-BH21J(228) |
| 22   | 22-17-2224              | A-4455-BH22D(228) |                         | A-4455-BH 22 D(231) |                         | A-4455-BH22D(228) | 22-17-2227              | A-4455-BH22J(228) |
| 23   | 22-17-2234              | A-4455-BH23D(228) |                         | A-4455-BH 23 D(231) |                         | A-4455-BH23D(228) | 22-17-2237              | A-4455-BH23J(228) |
| 24   | 22-17-2244              | A-4455-BH24D(228) |                         | A-4455-BH 24 D(231) |                         | A-4455-BH24D(228) | 22-17-2247              | A-4455-BH24J(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) | 22-17-2257              | A-4455-BH25J(228) |

| REV:             | ECR/ECN INFORMATION: |                       | TITLE:                                     | SHEET No.     |
|------------------|----------------------|-----------------------|--------------------------------------------|---------------|
|                  | EC No.:              | UCP2014-4914          |                                            |               |
| <b>D13</b>       | DATE:                | 1/8/2015              | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 9 -</b>  |
| DOCUMENT NUMBER: |                      | CREATED / REVISED BY: | CHECKED BY:                                | APPROVED BY:  |
| <b>SDA-4455</b>  |                      | <b>MKIPPER</b>        | <b>BANDERSON</b>                           | <b>FSMITH</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC(SIZE\_A)(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     |
|------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
|      | Material No          | Engineer Number     | Material No          | Engineer Number     | Material No          | Engineer Number     | Material No          | Engineer Number     |
| 2    |                      | A-4455-CP02A(208)   | 22-18-2026           | A-4455-CY02A(565)   | 22-02-7023           | A-4455-CY02A(P909)  | 22-15-4028           | A-4455-CB02A(P909)  |
| 3    |                      | A-4455-CP 03 A(208) | 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    |                      | A-4455-CP 04 A(208) | 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) | 22-18-2056           | A-4455-CY 05 A(565) | 22-02-7053           | A-4455-CY 05A(P909) | 22-15-4058           | A-4455-CB 05A(P909) |
| 6    |                      | A-4455-CP 06 A(208) | 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    |                      | A-4455-CP 07 A(208) | 22-18-2076           | A-4455-CY 07 A(565) | 22-02-7073           | A-4455-CY 07A(P909) | 22-15-4078           | A-4455-CB 07A(P909) |
| 8    |                      | A-4455-CP 08 A(208) | 22-18-2086           | A-4455-CY 08 A(565) | 22-02-7083           | A-4455-CY 08A(P909) | 22-15-4088           | A-4455-CB 08A(P909) |
| 9    |                      | A-4455-CP 09 A(208) | 22-18-2096           | A-4455-CY 09 A(565) | 22-02-7093           | A-4455-CY 09A(P909) | 22-15-4098           | A-4455-CB 09A(P909) |
| 10   |                      | A-4455-CP 10 A(208) | 22-18-2106           | A-4455-CY 10 A(565) | 22-02-7103           | A-4455-CY 10A(P909) | 22-15-4108           | A-4455-CB 10A(P909) |
| 11   |                      | A-4455-CP 11 A(208) | 22-18-2116           | A-4455-CY 11 A(565) | 22-02-7113           | A-4455-CY 11A(P909) | 22-15-4118           | A-4455-CB 11A(P909) |
| 12   |                      | A-4455-CP 12 A(208) | 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   |                      | A-4455-CP 13 A(208) | 22-18-2136           | A-4455-CY 13 A(565) | 22-02-7133           | A-4455-CY 13A(P909) | 22-15-4138           | A-4455-CB 13A(P909) |
| 14   |                      | A-4455-CP 14 A(208) | 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   |                      | A-4455-CP 15 A(208) | 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   |                      | A-4455-CP 16 A(208) | 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   |                      | A-4455-CP 17 A(208) | 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   |                      | A-4455-CP 18 A(208) | 22-18-2186           | A-4455-CY 18 A(565) | 22-02-7183           | A-4455-CY 18A(P909) | 22-15-4188           | A-4455-CB 18A(P909) |
| 19   |                      | A-4455-CP 19 A(208) | 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   |                      | A-4455-CP 20 A(208) | 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   |                      | A-4455-CP 21 A(208) | 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   |                      | A-4455-CP 22 A(208) | 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   |                      | A-4455-CP 23 A(208) | 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   |                      | A-4455-CP 24 A(208) | 22-18-2246           | A-4455-CY 24 A(565) | 22-02-7243           | A-4455-CY 24A(P909) | 22-15-4248           | A-4455-CB 24A(P909) |
| 25   |                      | A-4455-CP 25 A(208) | 22-18-2256           | A-4455-CY 25 A(565) | 22-02-7253           | A-4455-CY 25A(P909) | 22-15-4258           | A-4455-CB 25A(P909) |

|                                            |                                                      |                                                                 |                                        |
|--------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------|
| REV: <b>D13</b>                            | <b>ECR/ECN INFORMATION:</b>                          | <b>TITLE:</b><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>SHEET No.</b><br><br><b>- 10 -</b>  |
|                                            | EC No.: <b>UCP2014-4914</b><br>DATE: <b>1/8/2015</b> |                                                                 |                                        |
| <b>DOCUMENT NUMBER:</b><br><b>SDA-4455</b> |                                                      | <b>CREATED / REVISED BY:</b><br><b>MKIPPER</b>                  | <b>CHECKED BY:</b><br><b>BANDERSON</b> |
|                                            |                                                      | <b>APPROVED BY:</b><br><b>FSMITH</b>                            |                                        |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT

### 4455 SERIES

| Ckts | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                     |
|------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
|      | Material No          | Engineer Number     | Material No          | Engineer Number     | Material No          | Engineer Number     | Material No          | Engineer Number     |
| 2    | 22-65-3020           | A-4455-CR02A(P909)  | 22-18-2024           | A-4455-CZ02B(228)   | 22-18-7023           | A-4455-CY02A(208)   | 22-18-7021           | A-4455-CY02B(228)   |
| 3    | 22-65-3030           | A-4455-CR 03A(P909) | 22-18-2034           | A-4455-CZ 03 B(228) | 22-18-7033           | A-4455-CY 03 A(208) | 22-18-7031           | A-4455-CY 03 B(228) |
| 4    | 22-65-3040           | A-4455-CR 04A(P909) | 22-18-2044           | A-4455-CZ 04 B(228) | 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) | 22-18-2054           | A-4455-CZ 05 B(228) | 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) | 22-18-2064           | A-4455-CZ 06 B(228) | 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) | 22-18-2074           | A-4455-CZ 07 B(228) | 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) | 22-18-2084           | A-4455-CZ 08 B(228) | 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) | 22-18-2094           | A-4455-CZ 09 B(228) | 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) | 22-18-2104           | A-4455-CZ 10 B(228) | 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) | 22-18-2114           | A-4455-CZ 11 B(228) | 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) | 22-18-2134           | A-4455-CZ 13 B(228) | 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) | 22-18-2144           | A-4455-CZ 14 B(228) | 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) | 22-18-2154           | A-4455-CZ 15 B(228) | 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) | 22-18-2174           | A-4455-CZ 17 B(228) | 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) | 22-18-2184           | A-4455-CZ 18 B(228) | 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) | 22-18-2204           | A-4455-CZ 20 B(228) | 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) | 22-18-2214           | A-4455-CZ 21 B(228) | 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) | 22-18-2224           | A-4455-CZ 22 B(228) | 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) | 22-18-2234           | A-4455-CZ 23 B(228) | 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) | 22-18-2244           | A-4455-CZ 24 B(228) | 22-18-7243           | A-4455-CY 24 A(208) | 22-18-7241           | A-4455-CY 24 B(228) |
| 25   | 22-65-3250           | A-4455-CR 25A(P909) | 22-18-2254           | A-4455-CZ 25 B(228) | 22-18-7253           | A-4455-CY 25 A(208) | 22-18-7251           | A-4455-CY 25 B(228) |

| REV: D13                  |  | ECR/ECN INFORMATION: | TITLE:                             | SHEET No.             |
|---------------------------|--|----------------------|------------------------------------|-----------------------|
|                           |  | EC No.: UCP2014-4914 | KK 100 PCB ASSY<br>4455 SERIES DWG | - 11 -                |
|                           |  | DATE: 1/8/2015       |                                    |                       |
| DOCUMENT NUMBER: SDA-4455 |  |                      | CREATED / REVISED BY: MKIPPER      | CHECKED BY: BANDERSON |
|                           |  |                      | APPROVED BY: FSMITH                |                       |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## 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   |  | 38-00-1351   | A-4455-AZ21C(P909)  | 38-00-1411   | A-4455-BH21F(P909)  | 22-14-2219   | A-4455-AA 21 B(P909) | 22-14-2217   | A-4455-AA 21 A(565) |
| 22   |  | 38-00-1352   | A-4455-AZ22C(P909)  | 38-00-1412   | A-4455-BH22F(P909)  | 22-14-2229   | A-4455-AA 22 B(P909) | 22-14-2227   | A-4455-AA 22 A(565) |
| 23   |  | 38-00-1353   | A-4455-AZ23C(P909)  | 38-00-1413   | A-4455-BH23F(P909)  | 22-14-2239   | A-4455-AA 23 B(P909) | 22-14-2237   | A-4455-AA 23 A(565) |
| 24   |  | 38-00-1354   | A-4455-AZ24C(P909)  | 38-00-1414   | A-4455-BH24F(P909)  | 22-14-2249   | A-4455-AA 24 B(P909) | 22-14-2247   | A-4455-AA 24 A(565) |
| 25   |  | 38-00-1355   | A-4455-AZ25C(P909)  | 38-00-1415   | A-4455-BH25F(P909)  | 22-14-2259   | A-4455-AA 25 B(P909) | 22-14-2257   | A-4455-AA 25 A(565) |

| REV:                                | ECR/ECN INFORMATION:                   | TITLE:                                     | SHEET No.                       |
|-------------------------------------|----------------------------------------|--------------------------------------------|---------------------------------|
| <b>D13</b>                          | EC No.: UCP2014-4914<br>DATE: 1/8/2015 | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 12 -</b>                   |
| DOCUMENT NUMBER:<br><b>SDA-4455</b> |                                        | CREATED / REVISED BY:<br><b>MKIPPER</b>    | CHECKED BY:<br><b>BANDERSON</b> |
|                                     |                                        | APPROVED BY:<br><b>FSMITH</b>              |                                 |

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## KK 100 PCB ASSY 2-25 CKT

### 4455 SERIES

| Ckts | Assy Proc: RIGHT ANGLE |                      | Assy Proc: RIGHT ANGLE |                     | Assy Proc: TOP ENTRY |                    | Assy Proc: TOP ENTRY |                      |
|------|------------------------|----------------------|------------------------|---------------------|----------------------|--------------------|----------------------|----------------------|
|      | 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) | 38-00-1441           | A-4455-CZ21C(P909) |                      |                      |
| 22   | 22-14-3814             | A-4455-AA 22 T(P909) | 22-16-3228             | A-4455-AB 22 A(565) | 38-00-1442           | A-4455-CZ22C(P909) |                      |                      |
| 23   | 22-14-3815             | A-4455-AA 23 T(P909) | 22-16-3238             | A-4455-AB 23 A(565) | 38-00-1443           | A-4455-CZ23C(P909) |                      |                      |
| 24   | 22-14-3816             | A-4455-AA 24 T(P909) | 22-16-3248             | A-4455-AB 24 A(565) | 38-00-1444           | A-4455-CZ24C(P909) |                      |                      |
| 25   | 22-14-3817             | A-4455-AA 25 T(P909) | 22-16-3258             | A-4455-AB 25 A(565) | 38-00-1445           | A-4455-CZ25C(P909) |                      |                      |

|                                     |                                        |                                                      |                                 |
|-------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------|
| REV:<br><b>D13</b>                  | ECR/ECN INFORMATION:                   | TITLE:<br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | SHEET No.<br><b>- 13 -</b>      |
|                                     | EC No.: UCP2014-4914<br>DATE: 1/8/2015 |                                                      |                                 |
| DOCUMENT NUMBER:<br><b>SDA-4455</b> |                                        | CREATED / REVISED BY:<br><b>MKIPPER</b>              | CHECKED BY:<br><b>BANDERSON</b> |
|                                     |                                        | APPROVED BY:<br><b>FSMITH</b>                        |                                 |

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\I(V.1).DOC



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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: TOP ENTRY |                     | Assy Proc: TOP ENTRY |                      | Assy Proc: BOTTOM ENTRY |                       | Assy Proc: BOTTOM ENTRY |                      |
|------|----------------------|---------------------|----------------------|----------------------|-------------------------|-----------------------|-------------------------|----------------------|
|      | Material No          | Engineer Number     | Material No          | Engineer Number      | Material No             | Engineer Number       | Material No             | Engineer Number      |
| 2    |                      | A-4455-CY02B(P909)  |                      |                      |                         |                       |                         |                      |
| 3    |                      | A-4455-CY 03B(P909) |                      |                      |                         |                       |                         |                      |
| 4    |                      | A-4455-CY 04B(P909) |                      |                      |                         |                       |                         |                      |
| 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    |                      | A-4455-CY 07B(P909) |                      |                      |                         |                       |                         |                      |
| 8    |                      | A-4455-CY 08B(P909) |                      |                      |                         |                       |                         |                      |
| 9    |                      | A-4455-CY 09B(P909) |                      |                      |                         |                       |                         |                      |
| 10   |                      | A-4455-CY 10B(P909) |                      |                      |                         |                       |                         |                      |
| 11   |                      | A-4455-CY 11B(P909) |                      |                      | 50-36-1881              | A-4455-BH11D(P909)-10 |                         |                      |
| 12   |                      | A-4455-CY 12B(P909) |                      |                      |                         |                       |                         |                      |
| 13   |                      | A-4455-CY 13B(P909) |                      |                      |                         |                       | 26-01-3099              | A-4455-BH13D(208)-51 |
| 14   |                      | A-4455-CY 14B(P909) |                      |                      |                         |                       |                         |                      |
| 15   |                      | A-4455-CY 15B(P909) |                      |                      |                         |                       |                         |                      |
| 16   |                      | A-4455-CY 16B(P909) |                      |                      |                         |                       |                         |                      |
| 17   |                      | A-4455-CY 17B(P909) |                      |                      |                         |                       |                         |                      |
| 18   |                      | A-4455-CY 18B(P909) |                      |                      |                         |                       |                         |                      |
| 19   |                      | A-4455-CY 19B(P909) |                      |                      |                         |                       |                         |                      |
| 20   |                      | A-4455-CY 20B(P909) |                      |                      |                         |                       |                         |                      |
| 21   |                      | A-4455-CY 21B(P909) |                      |                      |                         |                       |                         |                      |
| 22   |                      | A-4455-CY 22B(P909) |                      |                      |                         |                       |                         |                      |
| 23   |                      | A-4455-CY 23B(P909) |                      |                      |                         |                       |                         |                      |
| 24   |                      | A-4455-CY 24B(P909) |                      |                      |                         |                       |                         |                      |
| 25   |                      | A-4455-CY 25B(P909) |                      |                      |                         |                       |                         |                      |

|                                     |                             |                                         |                                                         |                                |
|-------------------------------------|-----------------------------|-----------------------------------------|---------------------------------------------------------|--------------------------------|
| REV:<br><b>D13</b>                  | <b>ECR/ECN INFORMATION:</b> |                                         | <b>TITLE:</b><br><br>KK 100 PCB ASSY<br>4455 SERIES DWG | <b>SHEET No.</b><br><br>- 14 - |
|                                     | EC No.: UCP2014-4914        | DATE: 1/8/2015                          |                                                         |                                |
| <b>DOCUMENT NUMBER:</b><br>SDA-4455 |                             | <b>CREATED / REVISED BY:</b><br>MKIPPER | <b>CHECKED BY:</b><br>BANDERSON                         | <b>APPROVED BY:</b><br>FSMITH  |

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## KK 100 PCB ASSY 2-25 CKT 4455 SERIES

| Ckts | Assy Proc: RIGHT ANGLE |                       | Assy Proc: TOP ENTRY |                 | Assy Proc: TOP ENTRY |                 | Assy Proc:  |                 |
|------|------------------------|-----------------------|----------------------|-----------------|----------------------|-----------------|-------------|-----------------|
|      | Material No            | Engineer Number       | Material No          | Engineer Number | Material No          | Engineer Number | Material No | Engineer Number |
| 2    |                        |                       |                      |                 |                      |                 |             |                 |
| 3    |                        |                       |                      |                 |                      |                 |             |                 |
| 4    |                        |                       |                      |                 |                      |                 |             |                 |
| 5    |                        |                       |                      |                 |                      |                 |             |                 |
| 6    |                        |                       |                      |                 |                      |                 |             |                 |
| 7    |                        |                       |                      |                 |                      |                 |             |                 |
| 8    |                        |                       |                      |                 |                      |                 |             |                 |
| 9    |                        |                       |                      |                 |                      |                 |             |                 |
| 10   |                        |                       |                      |                 |                      |                 |             |                 |
| 11   |                        |                       |                      |                 |                      |                 |             |                 |
| 12   |                        |                       |                      |                 |                      |                 |             |                 |
| 13   |                        |                       |                      |                 |                      |                 |             |                 |
| 14   |                        |                       |                      |                 |                      |                 |             |                 |
| 15   |                        |                       |                      |                 |                      |                 |             |                 |
| 16   |                        |                       |                      |                 |                      |                 |             |                 |
| 17   | 46999-0582             | A-4455-AB17A(P909)-51 |                      |                 |                      |                 |             |                 |
| 18   |                        |                       |                      |                 |                      |                 |             |                 |
| 19   |                        |                       |                      |                 |                      |                 |             |                 |
| 20   |                        |                       |                      |                 |                      |                 |             |                 |
| 21   |                        |                       |                      |                 |                      |                 |             |                 |
| 22   |                        |                       |                      |                 |                      |                 |             |                 |
| 23   |                        |                       |                      |                 |                      |                 |             |                 |
| 24   |                        |                       |                      |                 |                      |                 |             |                 |
| 25   |                        |                       |                      |                 |                      |                 |             |                 |

|                                            |                             |                                                |                                                                 |                                       |
|--------------------------------------------|-----------------------------|------------------------------------------------|-----------------------------------------------------------------|---------------------------------------|
| REV:<br><b>D13</b>                         | <b>ECR/ECN INFORMATION:</b> |                                                | <b>TITLE:</b><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>SHEET No.</b><br><br><b>- 15 -</b> |
|                                            | EC No.: UCP2014-4914        | DATE: 1/8/2015                                 |                                                                 |                                       |
| <b>DOCUMENT NUMBER:</b><br><b>SDA-4455</b> |                             | <b>CREATED / REVISED BY:</b><br><b>MKIPPER</b> | <b>CHECKED BY:</b><br><b>BANDERSON</b>                          | <b>APPROVED BY:</b><br><b>FSMITH</b>  |

TEMPLATE FILENAME: PRODUCT\_SPEC(SIZE\_A)(V.1).DOC