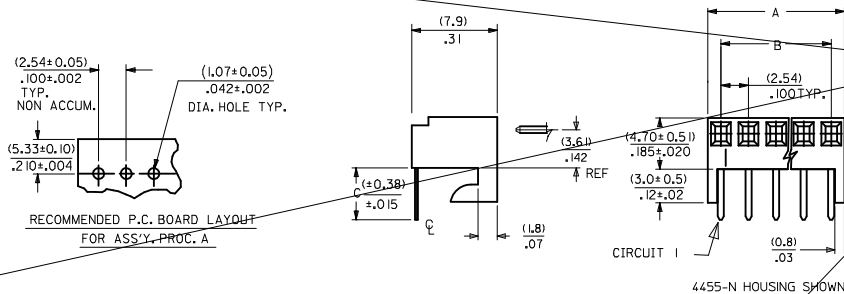
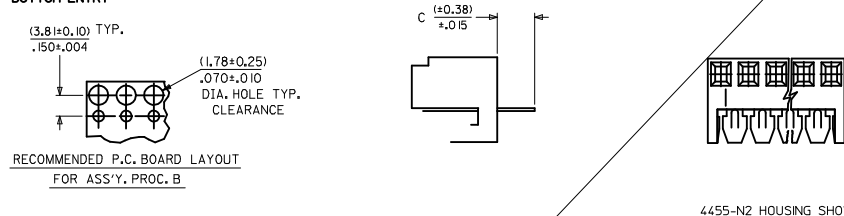


| NO. OF<br>CKTS. | DIM. A                    | DIM. B                    |
|-----------------|---------------------------|---------------------------|
| 1               | (2.44±.15)<br>.096±.006   | —                         |
| 2               | (4.98±.15)<br>.196±.006   | (2.54±.10)<br>.100±.004   |
| 3               | (7.52±.15)<br>.296±.006   | (5.08±.10)<br>.200±.004   |
| 4               | (10.06±.15)<br>.396±.006  | (7.62±.10)<br>.300±.004   |
| 5               | (12.60±.18)<br>.496±.007  | (10.16±.13)<br>.400±.005  |
| 6               | (15.14±.18)<br>.596±.007  | (12.70±.13)<br>.500±.005  |
| 7               | (17.68±.20)<br>.696±.008  | (15.24±.15)<br>.600±.006  |
| 8               | (20.22±.20)<br>.796±.008  | (17.78±.15)<br>.700±.006  |
| 9               | (22.76±.20)<br>.896±.008  | (20.32±.15)<br>.800±.006  |
| 10              | (25.30±.25)<br>.996±.010  | (22.86±.20)<br>.900±.008  |
| 11              | (27.84±.25)<br>1.096±.010 | (25.40±.20)<br>1.000±.008 |
| 12              | (30.38±.25)<br>1.196±.010 | (27.94±.20)<br>1.100±.008 |
| 13              | (32.92±.25)<br>1.296±.010 | (30.48±.20)<br>1.200±.008 |
| 14              | (35.46±.25)<br>1.396±.010 | (33.02±.20)<br>1.300±.008 |
| 15              | (38.00±.28)<br>1.496±.011 | (35.56±.23)<br>1.400±.009 |
| 16              | (40.54±.28)<br>1.596±.011 | (38.10±.23)<br>1.500±.009 |
| 17              | (43.08±.28)<br>1.696±.011 | (40.64±.23)<br>1.600±.009 |
| 18              | (45.62±.28)<br>1.796±.011 | (43.18±.23)<br>1.700±.009 |
| 19              | (48.16±.28)<br>1.896±.011 | (45.72±.23)<br>1.800±.009 |
| 20              | (50.70±.30)<br>1.996±.012 | (48.26±.25)<br>1.900±.010 |
| 21              | (53.24±.30)<br>2.096±.012 | (50.80±.25)<br>2.000±.010 |
| 22              | (55.78±.30)<br>2.196±.012 | (53.34±.25)<br>2.100±.010 |
| 23              | (58.32±.30)<br>2.296±.012 | (55.88±.25)<br>2.200±.010 |
| 24              | (60.86±.30)<br>2.396±.012 | (58.42±.30)<br>2.300±.012 |
| 25              | (63.40±.38)<br>2.496±.015 | (60.96±.30)<br>2.400±.012 |

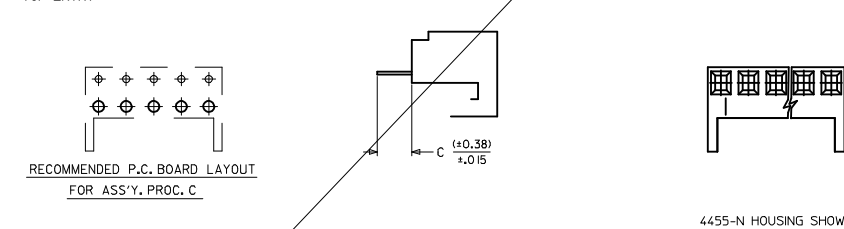
#### ASS'Y. PROC. A RIGHT ANGLE



#### ASS'Y. PROC. B BOTTOM ENTRY



#### ASS'Y. PROC. C TOP ENTRY

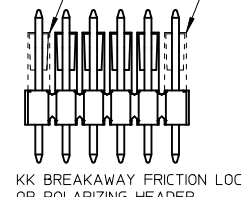
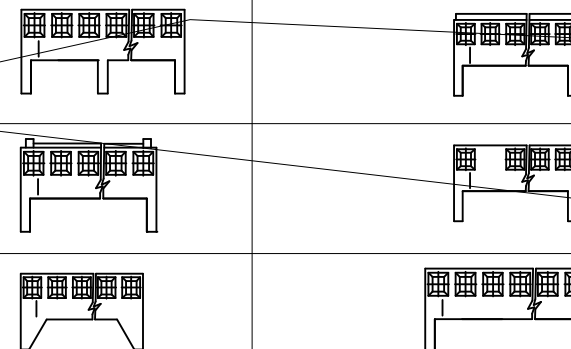


#### NOTES:

1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
2. FINISH:

- (208) - SELECT GOLD: (0.00038)/.000015 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
- (228) - SELECT GOLD: (0.00076)/.000030 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
- (231) - SELECT GOLD: (0.00127)/.000050 MIN., SELECT TIN: (0.00254)/.000100 MIN. OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
- (565) - SELECT GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL: (0.00076)/.000030 MIN. OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
- (P909) - OVERALL TIN: (0.00254)/.000100 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING: SEE CHARTS.
5. PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.
6. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
7. TYPICAL PCB THICKNESS: (1.57)/.062
8. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
9. WHEN MATING ASSEMBLIES THAT USE 4455-BN HOUSINGS TO BREAKAWAY FRICTION LOCK OR POLARIZING HEADERS, THE END BACKWALLS MUST BE REMOVED.

#### HOUSING NO. 445



END BACKWALLS MUST BE REMOVED  
SEE NOTE 9

KK BREAKAWAY FRICTION LOCK  
OR POLARIZING HEADER

|           |     |
|-----------|-----|
| 2-*       | D13 |
| 1         | D13 |
| SHT. REV. |     |

**molex**











# 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:  | 4455-4              | Housing No:  | 4455-AN             |
| 3    | Terminal No: | 6516-4(P909)         | Terminal No: | 6516-4(565)         | Terminal No: | 6516-4(208)         | Terminal No: | 4316-4(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    |              | A-4455-CZ02B(P909)   | 22-18-2022   | A-4455-CZ02B(565)   |              | A-4455-CZ02B(208)   |              |                     |
| 10   |              | A-4455-CZ 03 B(P909) | 22-18-2032   | A-4455-CZ 03 B(565) |              | A-4455-CZ 03B(208)  |              |                     |
| 11   |              | A-4455-CZ 04 B(P909) | 22-18-2042   | A-4455-CZ 04 B(565) |              | A-4455-CZ 04 B(208) |              |                     |
| 12   |              | A-4455-CZ 05 B(P909) | 22-18-2052   | A-4455-CZ 05 B(565) |              | A-4455-CZ 05 B(208) |              |                     |
| 13   |              | A-4455-CZ 06 B(P909) | 22-18-2062   | A-4455-CZ 06 B(565) |              | A-4455-CZ 06 B(208) |              |                     |
| 14   |              | 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)  |
| 15   |              | 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) |
| 16   |              | 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) |
| 17   |              | 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) |
| 18   |              | 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) |
| 19   |              | 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) |
| 20   |              | 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) |
| 21   |              | 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) |
| 22   |              | 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) |
| 23   |              | 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) |
| 24   |              | 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) |
| 25   |              | 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) |
|      |              | 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) |
|      |              | 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) |
|      |              | 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) |
|      |              | 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) |
|      |              | 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) |
|      |              | 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) |
|      |              | 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:             | ECR/ECN INFORMATION:  | TITLE:                                     | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 6 -</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> |



# 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 |                     |
|------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|
|      | Hooks Cut:             | NO                  | Hooks Cut:             | NO                  | Hooks Cut:             | NO                  | Hooks Cut:             | NO                  |
|      | Housing No:            | 4455-AN             | Housing No:            | 4455-BN             | Housing No:            | 4455-BN             | Housing No:            | 4455-NHH            |
|      | Terminal No:           | 4316-4(208)         | Terminal No:           | 4316-4(228)         | Terminal No:           | 4316-4(P909)        | Terminal No:           | 4316-4(P909)        |
|      | Dim C:                 | 3.35 / .132         | Dim C:                 | 3.35 / .132         | Dim C:                 | 3.35 / .132         | Dim C:                 | 3.35 / .132         |
|      | Plating:               | 208                 | Plating:               | 228                 | Plating:               | P909                | Plating:               | P909                |
|      | Packaging:             | PK-44646-001        | Packaging:             | PK-44646-002        | Packaging:             | PK-44646-002        | Packaging:             | PK-44646-001        |
|      | Voids:                 | NONE                | Voids:                 | NONE                | Voids:                 | NONE                | Voids:                 | NONE                |
|      | 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><b>D13</b>                         | <b>ECR/ECN INFORMATION:</b> |                                                | <u>TITLE:</u><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <u>SHEET No.</u><br><b>- 7 -</b>     |
|                                            | EC No.:                     | UCP2014-4914                                   |                                                             |                                      |
|                                            | DATE:                       | 1/8/2015                                       |                                                             |                                      |
| <u>DOCUMENT NUMBER:</u><br><b>SDA-4455</b> |                             | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b> | <u>CHECKED BY:</u><br><b>BANDERSON</b>                      | <u>APPROVED BY:</u><br><b>FSMITH</b> |



# 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         |
|      | Hooks Cut:   | NO                              | Hooks Cut:   | NO                  | Hooks Cut:   | NO                  | Hooks Cut:   | NO                  |
|      | Housing No:  | 4455-NR                         | Housing No:  | 4455-N              | Housing No:  | 4455-N              | Housing No:  | 4455-N              |
|      | Terminal No: | 4316-4(P909)                    | Terminal No: | 4316-4(228)         | Terminal No: | 6516-4(228)         | Terminal No: | 6516-4(228)         |
|      | Dim C:       | 3.35 / .132                     | Dim C:       | 3.35 / .132         | Dim C:       | 3.35 / .132         | Dim C:       | 3.35 / .132         |
|      | Plating:     | P909                            | Plating:     | 228                 | Plating:     | 228                 | Plating:     | 228                 |
|      | Packaging:   | PK-44646-001                    | Packaging:   | PK-44646-001        | Packaging:   | PK-44646-001        | Packaging:   | PK-44646-001        |
|      | Voids:       | NONE                            | Voids:       | NONE                | Voids:       | NONE                | Voids:       | NONE                |
|      |              |                                 |              |                     |              |                     |              |                     |
|      | 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:             | ECR/ECN INFORMATION:  | TITLE:                                     | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 8 -</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> |





# 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      |
|      | Hooks Cut:   | NO                           | Hooks Cut:   | NO                  | Hooks Cut:   | NO                | Hooks Cut:   | NO                |
|      | Housing No:  | 4455-N2                      | Housing No:  | 4455-N2             | Housing No:  | 4455-N2           | Housing No:  | 4455-N2           |
|      | Terminal No: | 4316-3B(228)                 | Terminal No: | 4316-3B(231)        | Terminal No: | 4316-3B(228)      | Terminal No: | 6516-3B(228)      |
|      | Dim C:       | 3.35 / .132                  | Dim C:       | 3.35 / .132         | Dim C:       | 3.35 / .132       | Dim C:       | 3.35 / .132       |
|      | Plating:     | 228                          | Plating:     | 231                 | Plating:     | 228               | Plating:     | 228               |
|      | Packaging:   | PK-44646-001                 | Packaging:   | PK-44646-001        | Packaging:   | PK-44646-001      | Packaging:   | PK-44646-001      |
|      | Voids:       | NO                           | Voids:       | NO                  | Voids:       | NO                | Voids:       | NO                |
|      |              |                              |              |                     |              |                   |              |                   |
|      | 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.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 9 -</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> |



# KK 100 PCB ASSY 2-25 CKT

## 4455 SERIES

|      |             | Assy Proc:          | TOP ENTRY    | Assy Proc:          | TOP ENTRY    | Assy Proc:          | TOP ENTRY    | Assy Proc:          | TOP ENTRY    |                     |
|------|-------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|
|      |             | Hooks Cut:          | YES          | Hooks Cut:          | YES          | Hooks Cut:          | YES          | Hooks Cut:          | NO           |                     |
|      |             | Housing No:         | 4455-NR      | Housing No:         | 4455-N       | Housing No:         | 4455-N       | Housing No:         | 4455-BN      |                     |
|      |             | Terminal No:        | 4316-4(208)  | Terminal No:        | 4316-4(565)  | Terminal No:        | 4316-4(P909) | Terminal No:        | 4316-4(P909) |                     |
|      |             | Dim C:              | 3.35 / .132  | Dim C:              | 3.35 / .132  | Dim C:              | 3.35 / .132  | Dim C:              | 3.35 / .132  |                     |
|      |             | Plating:            | 208          | Plating:            | 565          | Plating:            | P909         | Plating:            | P909         |                     |
|      |             | Packaging:          | PK-44646-003 | Packaging:          | PK-44646-003 | Packaging:          | PK-44646-003 | Packaging:          | PK-44646-002 |                     |
|      |             | Voids:              | NO           | Voids:              | NO           | Voids:              | NO           | Voids:              | NO           |                     |
|      |             |                     |              |                     |              |                     |              |                     |              |                     |
| Ckts | Material No | Engineer Number     | Material No  | Engineer Number     | Material No  | Engineer Number     | Material No  | Engineer Number     | 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)  | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 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) | 22-15-4218   | 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) | 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) | 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) | 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) | 22-15-4258   | A-4455-CB 25A(P909) |

|                                                |                                                                                             |                                                                 |                                            |                                          |                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|------------------------------------------|---------------------------------------|
| REV:<br><br><b>D13</b>                         | <b>ECR/ECN INFORMATION:</b><br><br>EC No.: <b>UCP2014-4914</b><br><br>DATE: <b>1/8/2015</b> | <u>TITLE:</u><br><br><b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> |                                            |                                          | <u>SHEET No.</u><br><br><b>- 10 -</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> |                                       |



# KK 100 PCB ASSY 2-25 CKT

## 4455 SERIES

|      |              |                               |              |                     |              |                     |                          |                     |
|------|--------------|-------------------------------|--------------|---------------------|--------------|---------------------|--------------------------|---------------------|
|      | Assy Proc:   | TOP ENTRY                     | Assy Proc:   | TOP ENTRY           | Assy Proc:   | TOP ENTRY           | Assy Proc:               | TOP ENTRY           |
|      | Hooks Cut:   | NO                            | Hooks Cut:   | NO                  | Hooks Cut:   | YES                 | Hooks Cut:               | YES                 |
|      | Housing No:  | 4455-NR                       | Housing No:  | 4455-N              | Housing No:  | 4455-N              | Housing No:              | 4455-N              |
|      | Terminal No: | 4316-4(P909)                  | Terminal No: | 6516-4(228)         | Terminal No: | 4316-4(208)         | Terminal No:             | 6516-4(228)         |
|      | Dim C:       | 3.35 / .132                   | Dim C:       | 3.35 / .132         | Dim C:       | 3.35 / .132         | Dim C:                   | 3.35 / .132         |
|      | Plating:     | P909                          | Plating:     | 228                 | Plating:     | 208                 | Plating:                 | 228                 |
|      | Packaging:   | PK-44646-001                  | Packaging:   | PK-44646-001        | Packaging:   | PK-44646-003        | Packaging:               | PK-44646-003        |
|      | Voids:       | NO                            | Voids:       | NO                  | Voids:       | NO                  | Voids:                   | NO                  |
| Ckts | Material No  | Engineer Number               | Material No  | Engineer Number     | Material No  | Engineer Number     | Material No              | Engineer Number     |
|      | 2            | 22-65-3020 A-4455-CR02A(P909) | 22-18-2024   | 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<br>38-00-1478 | 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   |                     |              |                     |                          |                     |

|                  |                       |                                            |               |
|------------------|-----------------------|--------------------------------------------|---------------|
| REV:             | ECR/ECN INFORMATION:  | TITLE:                                     | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 11 -</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> |



# KK 100 PCB ASSY 2-25 CKT

## 4455 SERIES

|      |              |                               |              |                     |              |                      |              |                     |
|------|--------------|-------------------------------|--------------|---------------------|--------------|----------------------|--------------|---------------------|
| Ckts | 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                  |
|      |              |                               |              |                     |              |                      |              |                     |
|      | 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) |

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



# KK 100 PCB ASSY 2-25 CKT

## 4455 SERIES

|      |              |                      |              |                     |              |                     |              |                      |
|------|--------------|----------------------|--------------|---------------------|--------------|---------------------|--------------|----------------------|
|      | Assy Proc:   | RIGHT ANGLE          | Assy Proc:   | RIGHT ANGLE         | Assy Proc:   | TOP ENTRY           | Assy Proc:   | TOP ENTRY            |
|      | Hooks Cut:   | NO                   | Hooks Cut:   | NO                  | Hooks Cut:   | NO                  | Hooks Cut:   | YES                  |
|      | Housing No:  | 4455-AN              | Housing No:  | 4455-BN             | Housing No:  | 4455-N              | Housing No:  | 4455-N-02            |
|      | Terminal No: | 4316-4A(P909)        | Terminal No: | 4316-4(565)         | Terminal No: | 6516-5C(P909)       | Terminal No: | 4316-4(P909)         |
|      | Dim C:       | 3.35 / .132          | Dim C:       | 3.35 / .132         | Dim C:       | 3.35±1.00/.132±.039 | Dim C:       | 3.35 / .132          |
|      | Plating:     | P909                 | Plating:     | 565                 | Plating:     | P909                | Plating:     | P909                 |
|      | Packaging:   | PK-44646-001         | Packaging:   | PK-44646-002        | Packaging:   | PK-44646-001        | Packaging:   | PK-44646-003         |
|      | Voids:       | NO                   | Voids:       | NO                  | Voids:       | NO                  | Voids:       | YES IN CKT 2         |
|      |              |                      |              |                     |              |                     |              |                      |
| Ckts | Material No  | Engineer Number      | Material No  | Engineer Number     | Material No  | Engineer Number     | Material No  | Engineer Number      |
| 2    |              |                      | 22-16-3028   | A-4455-AB02A(565)   | 38-00-1422   | A-4455-CZ02C(P909)  |              |                      |
| 3    |              |                      | 22-16-3038   | A-4455-AB 03 A(565) | 38-00-1423   | A-4455-CZ03C(P909)  |              |                      |
| 4    |              |                      | 22-16-3048   | A-4455-AB 04 A(565) | 38-00-1424   | A-4455-CZ04C(P909)  |              |                      |
| 5    |              |                      | 22-16-3058   | A-4455-AB 05 A(565) | 38-00-1425   | A-4455-CZ05C(P909)  |              |                      |
| 6    |              |                      | 22-16-3068   | A-4455-AB 06 A(565) | 38-00-1426   | A-4455-CZ06C(P909)  | 22-02-3068   | A-4455-CW06A(P909)-2 |
| 7    | 22-14-3617   | A-4455-AA07T(P909)   | 22-16-3078   | A-4455-AB 07 A(565) | 38-00-1427   | A-4455-CZ07C(P909)  | 50-29-0004   | A-4455-CW07A(P909)-2 |
| 8    | 22-14-3618   | A-4455-AA 08 T(P909) | 22-16-3088   | A-4455-AB 08 A(565) | 38-00-1428   | A-4455-CZ08C(P909)  |              |                      |
| 9    | 22-14-3619   | A-4455-AA 09 T(P909) | 22-16-3098   | A-4455-AB 09 A(565) | 38-00-1429   | A-4455-CZ09C(P909)  |              |                      |
| 10   | 22-14-3711   | A-4455-AA 10 T(P909) | 22-16-3108   | A-4455-AB 10 A(565) | 38-00-1430   | A-4455-CZ10C(P909)  |              |                      |
| 11   | 22-14-3712   | A-4455-AA 11 T(P909) | 22-16-3118   | A-4455-AB 11 A(565) | 38-00-1431   | A-4455-CZ11C(P909)  |              |                      |
| 12   | 22-14-3713   | A-4455-AA 12 T(P909) | 22-16-3128   | A-4455-AB 12 A(565) | 38-00-1432   | A-4455-CZ12C(P909)  |              |                      |
| 13   | 22-14-3714   | A-4455-AA 13 T(P909) | 22-16-3138   | A-4455-AB 13 A(565) | 38-00-1433   | A-4455-CZ13C(P909)  |              |                      |
| 14   | 22-14-3715   | A-4455-AA 14 T(P909) | 22-16-3148   | A-4455-AB 14 A(565) | 38-00-1434   | A-4455-CZ14C(P909)  |              |                      |
| 15   | 22-14-3716   | A-4455-AA 15 T(P909) | 22-16-3158   | A-4455-AB 15 A(565) | 38-00-1435   | A-4455-CZ15C(P909)  |              |                      |
| 16   | 22-14-3717   | A-4455-AA 16 T(P909) | 22-16-3168   | A-4455-AB 16 A(565) | 38-00-1436   | A-4455-CZ16C(P909)  |              |                      |
| 17   |              |                      |              |                     |              |                     |              |                      |

|                  |                       |                                    |               |
|------------------|-----------------------|------------------------------------|---------------|
| REV:             | ECR/ECN INFORMATION:  | TITLE:                             | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | KK 100 PCB ASSY<br>4455 SERIES DWG | <b>- 13 -</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> |





# KK 100 PCB ASSY 2-25 CKT

## 4455 SERIES

|      |              |                       |              |                    |              |                     |              |                 |
|------|--------------|-----------------------|--------------|--------------------|--------------|---------------------|--------------|-----------------|
|      | Assy Proc:   | RIGHT ANGLE           | Assy Proc:   | TOP ENTRY          | Assy Proc:   | TOP ENTRY           | Assy Proc:   |                 |
|      | Hooks Cut:   | NO                    | Hooks Cut:   | YES                | Hooks Cut:   | YES                 | Hooks Cut:   |                 |
|      | Housing No:  | 4455-BN               | Housing No:  | 4455-BN            | Housing No:  | 4455-NR             | Housing No:  |                 |
|      | Terminal No: | 4316-4(P909)          | Terminal No: | 4316-4(P909)       | Terminal No: | 4316-4(P909)        | Terminal No: |                 |
|      | Dim C:       | 3.35 / .132           | Dim C:       | 3.35 / .132        | Dim C:       | 3.35 / .132         | Dim C:       |                 |
|      | Plating:     | P909                  | Plating:     | P909               | Plating:     | P909                | Plating:     |                 |
|      | Packaging:   | PK-44646-002          | Packaging:   | PK-44646-006       | Packaging:   | PK-44646-003        | Packaging:   |                 |
|      | Voids:       | 3,6,12,15             | Voids:       | NO                 | Voids:       | NO                  | Voids:       |                 |
|      |              |                       |              |                    |              |                     |              |                 |
| Ckts | Material No  | Engineer Number       | Material No  | Engineer Number    | Material No  | Engineer Number     | Material No  | Engineer Number |
| 2    |              |                       |              |                    |              |                     |              |                 |
| 3    |              |                       | 46999-0585   | A-4455-CG03A(P909) |              |                     |              |                 |
| 4    |              |                       | 46999-0583   | A-4455-CG04A(P909) |              |                     |              |                 |
| 5    |              |                       |              |                    |              |                     |              |                 |
| 6    |              |                       | 46999-0584   | A-4455-CG06A(P909) |              |                     |              |                 |
| 7    |              |                       |              |                    |              |                     |              |                 |
| 8    |              |                       |              |                    | 46999-0599   | A-4455-CP 08A(P909) |              |                 |
| 9    |              |                       |              |                    |              |                     |              |                 |
| 10   |              |                       |              |                    |              |                     |              |                 |
| 11   |              |                       |              |                    |              |                     |              |                 |
| 12   |              |                       |              |                    |              |                     |              |                 |
| 13   |              |                       |              |                    |              |                     |              |                 |
| 14   |              |                       | 46999-0586   | A-4455-CG14A(P909) |              |                     |              |                 |
| 15   |              |                       |              |                    |              |                     |              |                 |
| 16   |              |                       |              |                    |              |                     |              |                 |
| 17   | 46999-0582   | A-4455-AB17A(P909)-51 |              |                    |              |                     |              |                 |
| 18   |              |                       |              |                    |              |                     |              |                 |
| 19   |              |                       |              |                    |              |                     |              |                 |
| 20   |              |                       |              |                    |              |                     |              |                 |
| 21   |              |                       |              |                    |              |                     |              |                 |
| 22   |              |                       |              |                    |              |                     |              |                 |
| 23   |              |                       |              |                    |              |                     |              |                 |
| 24   |              |                       |              |                    |              |                     |              |                 |
| 25   |              |                       |              |                    |              |                     |              |                 |

|                  |                       |                                            |               |
|------------------|-----------------------|--------------------------------------------|---------------|
| REV:             | ECR/ECN INFORMATION:  | TITLE:                                     | SHEET No.     |
| <b>D13</b>       | EC No.: UCP2014-4914  | <b>KK 100 PCB ASSY<br/>4455 SERIES DWG</b> | <b>- 15 -</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> |