

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022173082](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® PC Board Connector, Bottom Entry, 0.38µm (15µ") Gold (Au) Selective, 8 Circuits

Documents:

[3D Model](#) [Product Specification PS-10-07 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [4455](#)
 Application Board-to-Board
 Overview [kk](#)
 Product Name KK®

Physical

Circuits (Loaded) 8
 Color - Resin Natural (White)
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 1
 Orientation Bottom Entry
 PC Tail Length (in) 0.132 In
 PC Tail Length (mm) 3.35 mm
 PCB Locator No
 PCB Retention None
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.100 In
 Pitch - Mating Interface (mm) 2.54 mm
 Plating min: Mating (µin) 15
 Plating min: Mating (µm) 0.375
 Plating min: Termination (µin) 100
 Plating min: Termination (µm) 2.5
 Polarized to PCB No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A
 Grounding to PCB No
 Voltage - Maximum 250V



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free Status

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[4455Series](#)

Mates With

[42153](#) KK® Wire-to-Board Header, [4094](#) KK® Wire-to-Board Header,, [42376](#) KK® Header, [42375](#) KK® Header, [42377](#) , [42152](#) KK® Wire-to-Board Header, [4030](#) KK® Wire-to-Board Header, [4380](#) KK® Header

Solder Process Data

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 235 |

Material Info

| | |
|-----------------|-------------------|
| Old Part Number | A-4455-BH08D(208) |
|-----------------|-------------------|

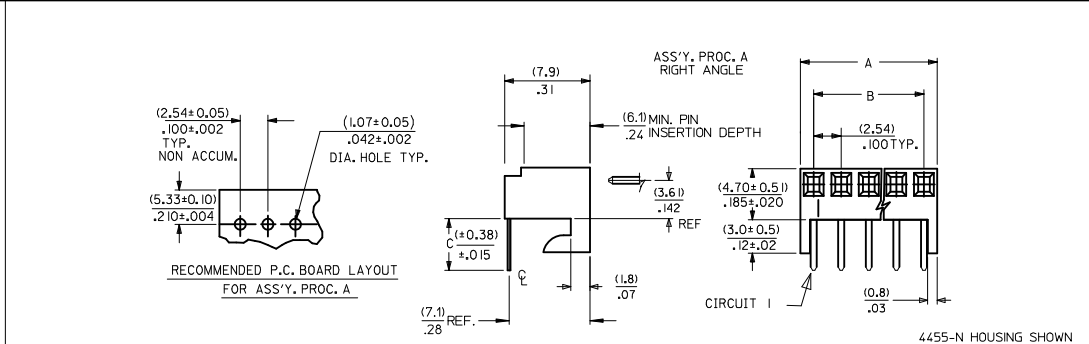
Reference - Drawing Numbers

| | |
|-------------------------|--------------|
| Packaging Specification | PK-44646-001 |
| Product Specification | PS-10-07 |
| Sales Drawing | SDA-4455 |

This document was generated on 05/31/2010

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



| | |
|---|--|
| HOUSING OPTION A 4455-AN | |
| 4455-N HOUSING WITH CENTER HOOK | |
| HOUSING OPTION B 4455-BN | |
| 4455-N HOUSING WITH RAMP AND POLARIZING | |
| HOUSING OPTION E 4455-NHH | |
| 4455-N HOUSING WITH REINFORCED HOOKS | |
| HOUSING OPTION H 4455-N2 | |
| STANDARD HOUSING 4455-NR | |
| 4455-N WITH RAMP (PCB HOOKS CUT OFF) | |
| HOUSING OPTION R 4455-NR | |
| 4455-N WITH RAMP HOUSING OPTION W 4455-N | |
| 4455-N-2 MOLDED VOID IN CKT 2 (PC BOARD HOOKS CUT OFF) | |
| HOUSING OPTION Y 4455-N | |
| 4455-N WITH PC BOARD HOOKS CUT OFF | |
| HOUSING OPTION Z 4455-N | |
| STANDARD HOUSING | |

NOTES:

- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
- 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.
- THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING: SEE CHARTS.
- PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.
- PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
- TYPICAL PCB THICKNESS: (1.57)/.062
- PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|---------------------------------------|-----------------------|---------------------------|-----------------|---|----------------------|------------------------|--|---|--|--|--|--|--|--|--|--|--|
| ADD 26-01-3099 EC NO: UCP2010-2172 DRW:MKIPPER 2010/04/15 CHKD:JBELL 2010/04/15 APPR:FSMITH 2010/04/15 D7 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | | | | | | | | | | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .010 | DRAWN BY SAMIEC | DATE 10/5/84 | TITLE KK 100 PCB ASSY 4455 SERIES DWG | | | | | | | | | | | | | |
| | | 2 PLACES ± 0.25 ± .015 | 1 PLACE ± 0.36 ± --- | CHECKED BY PATEL | DATE 10/5/84 | APPROVED BY LENZ | | | | | | | | | | | | | |
| | | ANGULAR ±1/2° | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SDA-4455 | | SHEET NO. 1 OF * | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

STANDARD PRODUCT



| 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 |
| S | 30432-0200 | Phos Bronze | Humpback |
| T | 4316-4A | Brass | Cat Ear |

PLATING
 (SEE SHEET 1)

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

| Ckts |
|------|
| 2 |
| 3 |
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|--------------|--------------|
| 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 |

| Material No | Engineer Number |
|-------------|--------------------|
| 22-15-2026 | A-4455-AZ02A(P909) |
| 22-15-2036 | A-4455-AZ03A(P909) |
| 22-15-2046 | A-4455-AZ04A(P909) |
| 22-15-2056 | A-4455-AZ05A(P909) |
| 22-15-2066 | A-4455-AZ06A(P909) |
| 22-15-2076 | A-4455-AZ07A(P909) |
| 22-15-2086 | A-4455-AZ08A(P909) |
| 22-15-2096 | A-4455-AZ09A(P909) |
| 22-15-2106 | A-4455-AZ10A(P909) |
| 22-15-2116 | A-4455-AZ11A(P909) |
| 22-15-2126 | A-4455-AZ12A(P909) |
| 22-15-2136 | A-4455-AZ13A(P909) |
| 22-15-2146 | A-4455-AZ14A(P909) |
| 22-15-2156 | A-4455-AZ15A(P909) |
| 22-15-2166 | A-4455-AZ16A(P909) |
| 22-15-2176 | A-4455-AZ17A(P909) |
| 22-15-2186 | A-4455-AZ18A(P909) |
| 22-15-2196 | A-4455-AZ19A(P909) |
| 22-15-2206 | A-4455-AZ20A(P909) |
| 22-15-2216 | A-4455-AZ21A(P909) |
| 22-15-2226 | A-4455-AZ22A(P909) |
| 22-15-2236 | A-4455-AZ23A(P909) |
| 22-15-2246 | A-4455-AZ24A(P909) |
| 22-15-2256 | A-4455-AZ25A(P909) |

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

| 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: D7 | ECR/ECN INFORMATION: EC No.: UCP2010-2172 DATE: 4/15/2010 | TITLE: KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. - 2 - |
| DOCUMENT NUMBER: SDA-4455 | CREATED / REVISED BY: MKIPPER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



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: | |
| D7 | EC No.: UCP2010-2172 | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. |
| | DATE: 4/15/2010 | | - 3 - |
| DOCUMENT NUMBER: | | CREATED / REVISED BY: | CHECKED BY: |
| SDA-4455 | | MKIPPER | JBELL |
| | | APPROVED BY: | |
| | | FSMITH | |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| | |
|--------------|--------------|
| Assy Proc: | TOP ENTRY |
| 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: | TOP ENTRY |
| 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 |

| | |
|--------------|--------------|
| Assy Proc: | TOP ENTRY |
| Hooks Cut: | NO |
| Housing No: | 4455-N |
| Terminal No: | 4316-4(208) |
| Dim C: | 3.35 / .132 |
| Plating: | 208 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| | |
|--------------|--------------|
| Assy Proc: | RIGHT ANGLE |
| Hooks Cut: | NO |
| Housing No: | 4455-N |
| Terminal No: | 6516-4(P909) |
| Dim C: | 3.35 / .132 |
| Plating: | P909 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| Ckts | Material No | Engineer Number |
|------|-------------|----------------------|
| 2 | 22-02-2025 | A-4455-CZ02A(P909) |
| 3 | 22-02-2035 | A-4455-CZ 03A(P909) |
| 4 | 22-02-2045 | A-4455-CZ 04A(P909) |
| 5 | 22-02-2055 | A-4455-CZ 05A(P909) |
| 6 | 22-02-2065 | A-4455-CZ 06A(P909) |
| 7 | 22-02-2075 | A-4455-CZ 07A(P909) |
| 8 | 22-02-2085 | A-4455-CZ 08 A(P909) |
| 9 | 22-02-2095 | A-4455-CZ 09 A(P909) |
| 10 | 22-02-2105 | A-4455-CZ 10 A(P909) |
| 11 | 22-02-2115 | A-4455-CZ 11 A(P909) |
| 12 | 22-02-2125 | A-4455-CZ 12 A(P909) |
| 13 | 22-02-2135 | A-4455-CZ 13 A(P909) |
| 14 | 22-02-2145 | A-4455-CZ 14 A(P909) |
| 15 | 22-02-2155 | A-4455-CZ 15 A(P909) |
| 16 | 22-02-2165 | A-4455-CZ 16 A(P909) |
| 17 | 22-02-2175 | A-4455-CZ 17 A(P909) |
| 18 | 22-02-2185 | A-4455-CZ 18 A(P909) |
| 19 | 22-02-2195 | A-4455-CZ 19 A(P909) |
| 20 | 22-02-2205 | A-4455-CZ 20 A(P909) |
| 21 | 22-02-2215 | A-4455-CZ 21 A(P909) |
| 22 | 22-02-2225 | A-4455-CZ 22 A(P909) |
| 23 | 22-02-2235 | A-4455-CZ 23 A(P909) |
| 24 | 22-02-2245 | A-4455-CZ 24 A(P909) |
| 25 | 22-02-2255 | A-4455-CZ 25 A(P909) |

| Material No | Engineer Number |
|-------------|---------------------|
| 22-18-2023 | A-4455-CZ02A(565) |
| 22-18-2033 | A-4455-CZ 03 A(565) |
| 22-18-2043 | A-4455-CZ 04 A(565) |
| 22-18-2053 | A-4455-CZ 05 A(565) |
| 22-18-2063 | A-4455-CZ 06 A(565) |
| 22-18-2073 | A-4455-CZ 07 A(565) |
| 22-18-2083 | A-4455-CZ 08 A(565) |
| 22-18-2093 | A-4455-CZ 09 A(565) |
| 22-18-2103 | A-4455-CZ 10 A(565) |
| 22-18-2113 | A-4455-CZ 11 A(565) |
| 22-18-2123 | A-4455-CZ 12 A(565) |
| 22-18-2133 | A-4455-CZ 13 A(565) |
| 22-18-2143 | A-4455-CZ 14 A(565) |
| 22-18-2153 | A-4455-CZ 15 A(565) |
| 22-18-2163 | A-4455-CZ 16 A(565) |
| 22-18-2173 | A-4455-CZ 17 A(565) |
| 22-18-2183 | A-4455-CZ 18 A(565) |
| 22-18-2193 | A-4455-CZ 19 A(565) |
| 22-18-2203 | A-4455-CZ 20 A(565) |
| 22-18-2213 | A-4455-CZ 21 A(565) |
| 22-18-2223 | A-4455-CZ 22 A(565) |
| 22-18-2233 | A-4455-CZ 23 A(565) |
| 22-18-2243 | A-4455-CZ 24 A(565) |
| 22-18-2253 | A-4455-CZ 25 A(565) |

| Material No | Engineer Number |
|-------------|---------------------|
| 22-18-2021 | A-4455-CZ02A(208) |
| 22-18-2031 | A-4455-CZ 03 A(208) |
| 22-18-2041 | A-4455-CZ 04 A(208) |
| 22-18-2051 | A-4455-CZ 05 A(208) |
| 22-18-2061 | A-4455-CZ 06 A(208) |
| 22-18-2071 | A-4455-CZ 07 A(208) |
| 22-18-2081 | A-4455-CZ 08 A(208) |
| 22-18-2091 | A-4455-CZ 09 A(208) |
| 22-18-2101 | A-4455-CZ 10 A(208) |
| 22-18-2111 | A-4455-CZ 11 A(208) |
| 22-18-2121 | A-4455-CZ 12 A(208) |
| 22-18-2131 | A-4455-CZ 13 A(208) |
| 22-18-2141 | A-4455-CZ 14 A(208) |
| 22-18-2151 | A-4455-CZ 15 A(208) |
| 22-18-2161 | A-4455-CZ 16 A(208) |
| 22-18-2171 | A-4455-CZ 17 A(208) |
| 22-18-2181 | A-4455-CZ 18 A(208) |
| 22-18-2191 | A-4455-CZ 19 A(208) |
| 22-18-2201 | A-4455-CZ 20 A(208) |
| 22-18-2211 | A-4455-CZ 21 A(208) |
| 22-18-2221 | A-4455-CZ 22 A(208) |
| 22-18-2231 | A-4455-CZ 23 A(208) |
| 22-18-2241 | A-4455-CZ 24 A(208) |
| 22-18-2251 | A-4455-CZ 25 A(208) |

| Material No | Engineer Number |
|-------------|---------------------|
| 22-15-4025 | A-4455-AZ02B(P909) |
| 22-15-4035 | A-4455-AZ 03B(P909) |
| 22-15-4045 | A-4455-AZ 04B(P909) |
| 22-15-4055 | A-4455-AZ 05B(P909) |
| 22-15-4065 | A-4455-AZ 06B(P909) |
| 22-15-4075 | A-4455-AZ 07B(P909) |
| 22-15-4085 | A-4455-AZ 08B(P909) |
| 22-15-4095 | A-4455-AZ 09B(P909) |
| 22-15-4105 | A-4455-AZ 10B(P909) |
| 22-15-4115 | A-4455-AZ 11B(P909) |
| 22-15-4125 | A-4455-AZ 12B(P909) |
| 22-15-4135 | A-4455-AZ 13B(P909) |
| 22-15-4145 | A-4455-AZ 14B(P909) |
| 22-15-4155 | A-4455-AZ 15B(P909) |
| 22-15-4165 | A-4455-AZ 16B(P909) |
| 22-15-4175 | A-4455-AZ 17B(P909) |
| 22-15-4185 | A-4455-AZ 18B(P909) |
| 22-15-4195 | A-4455-AZ 19B(P909) |
| 22-15-4205 | A-4455-AZ 20B(P909) |
| 22-15-4215 | A-4455-AZ 21B(P909) |
| 22-15-4225 | A-4455-AZ 22B(P909) |
| 22-15-4235 | A-4455-AZ 23B(P909) |
| 22-15-4245 | A-4455-AZ 24B(P909) |
| 22-15-4255 | A-4455-AZ 25B(P909) |

| | | | |
|-------------------------|------------------------------|--|---------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | SHEET No. |
| D7 | EC No.: UCP2010-2172 | KK 100 PCB ASSY 4455 SERIES DWG | - 4 - |
| | DATE: 4/15/2010 | | |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
| SDA-4455 | MKIPPER | JBELL | FSMITH |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| | |
|--------------|--------------|
| Assy Proc: | RIGHT ANGLE |
| Hooks Cut: | NO |
| Housing No: | 4455-N |
| Terminal No: | 6516-4(565) |
| Dim C: | 3.35 / .132 |
| Plating: | 565 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| | |
|--------------|--------------|
| Assy Proc: | RIGHT ANGLE |
| Hooks Cut: | NO |
| Housing No: | 4455-N |
| Terminal No: | 6516-4(208) |
| Dim C: | 3.35 / .132 |
| Plating: | 208 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| | |
|--------------|--------------|
| Assy Proc: | BOTTOM ENTRY |
| Hooks Cut: | NO |
| Housing No: | 4455-N2 |
| Terminal No: | 6516-3B(565) |
| Dim C: | 3.35 / .132 |
| Plating: | 565 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| | |
|--------------|--------------|
| Assy Proc: | BOTTOM ENTRY |
| Hooks Cut: | NO |
| Housing No: | 4455-N2 |
| Terminal No: | 6516-3B(208) |
| Dim C: | 3.35 / .132 |
| Plating: | 208 |
| Packaging: | PK-44646-001 |
| Voids: | NONE |

| Ckts | Material No | Engineer Number |
|------|-------------|---------------------|
| 2 | 22-16-2024 | A-4455-AZ02B(565) |
| 3 | 22-16-2034 | A-4455-AZ 03 B(565) |
| 4 | 22-16-2044 | A-4455-AZ 04 B(565) |
| 5 | 22-16-2054 | A-4455-AZ 05 B(565) |
| 6 | 22-16-2064 | A-4455-AZ 06 B(565) |
| 7 | 22-16-2074 | A-4455-AZ 07 B(565) |
| 8 | 22-16-2084 | A-4455-AZ 08 B(565) |
| 9 | 22-16-2094 | A-4455-AZ 09 B(565) |
| 10 | 22-16-2104 | A-4455-AZ 10 B(565) |
| 11 | 22-16-2114 | A-4455-AZ 11 B(565) |
| 12 | 22-16-2124 | A-4455-AZ 12 B(565) |
| 13 | 22-16-2134 | A-4455-AZ 13 B(565) |
| 14 | 22-16-2144 | A-4455-AZ 14 B(565) |
| 15 | 22-16-2154 | A-4455-AZ 15 B(565) |
| 16 | 22-16-2164 | A-4455-AZ 16 B(565) |
| 17 | 22-16-2174 | A-4455-AZ 17 B(565) |
| 18 | 22-16-2184 | A-4455-AZ 18 B(565) |
| 19 | 22-16-2194 | A-4455-AZ 19 B(565) |
| 20 | 22-16-2204 | A-4455-AZ 20 B(565) |
| 21 | 22-16-2214 | A-4455-AZ 21 B(565) |
| 22 | 22-16-2224 | A-4455-AZ 22 B(565) |
| 23 | 22-16-2234 | A-4455-AZ 23 B(565) |
| 24 | 22-16-2244 | A-4455-AZ 24 B(565) |
| 25 | 22-16-2254 | A-4455-AZ 25 B(565) |

| Material No | Engineer Number |
|-------------|---------------------|
| | A-4455-AZ02B(208) |
| | A-4455-AZ 03 B(208) |
| | A-4455-AZ 04 B(208) |
| | A-4455-AZ 05 B(208) |
| | A-4455-AZ 06 B(208) |
| | A-4455-AZ 07 B(208) |
| | A-4455-AZ 08 B(208) |
| | A-4455-AZ 09 B(208) |
| | A-4455-AZ 10 B(208) |
| | A-4455-AZ 11 B(208) |
| | A-4455-AZ 12 B(208) |
| | A-4455-AZ 13 B(208) |
| | A-4455-AZ 14 B(208) |
| | A-4455-AZ 15 B(208) |
| | A-4455-AZ 16 B(208) |
| | A-4455-AZ 17 B(208) |
| | A-4455-AZ 18 B(208) |
| | A-4455-AZ 19 B(208) |
| | A-4455-AZ 20 B(208) |
| | A-4455-AZ 21 B(208) |
| | A-4455-AZ 22 B(208) |
| | A-4455-AZ 23 B(208) |
| | A-4455-AZ 24 B(208) |
| | A-4455-AZ 25 B(208) |

| Material No | Engineer Number |
|-------------|---------------------|
| 22-17-2021 | A-4455-BH02J(565) |
| 22-17-2031 | A-4455-BH 03 J(565) |
| 22-17-2041 | A-4455-BH 04 J(565) |
| 22-17-2051 | A-4455-BH 05 J(565) |
| 22-17-2061 | A-4455-BH 06 J(565) |
| 22-17-2071 | A-4455-BH 07 J(565) |
| 22-17-2081 | A-4455-BH 08 J(565) |
| 22-17-2091 | A-4455-BH 09 J(565) |
| 22-17-2101 | A-4455-BH 10 J(565) |
| 22-17-2111 | A-4455-BH 11 J(565) |
| 22-17-2121 | A-4455-BH 12 J(565) |
| 22-17-2131 | A-4455-BH 13 J(565) |
| 22-17-2141 | A-4455-BH 14 J(565) |
| 22-17-2151 | A-4455-BH 15 J(565) |
| 22-17-2161 | A-4455-BH 16 J(565) |
| 22-17-2171 | A-4455-BH 17 J(565) |
| 22-17-2181 | A-4455-BH 18 J(565) |
| 22-17-2191 | A-4455-BH 19 J(565) |
| 22-17-2201 | A-4455-BH 20 J(565) |
| 22-17-2211 | A-4455-BH 21 J(565) |
| 22-17-2221 | A-4455-BH 22 J(565) |
| 22-17-2231 | A-4455-BH 23 J(565) |
| 22-17-2241 | A-4455-BH 24 J(565) |
| 22-17-2251 | A-4455-BH 25 J(565) |

| Material No | Engineer Number |
|-------------|---------------------|
| | A-4455-BH02J(208) |
| | A-4455-BH 03 J(208) |
| | A-4455-BH 04 J(208) |
| | A-4455-BH 05 J(208) |
| | A-4455-BH 06 J(208) |
| | A-4455-BH 07 J(208) |
| | A-4455-BH 08 J(208) |
| | A-4455-BH 09 J(208) |
| | A-4455-BH 10 J(208) |
| | A-4455-BH 11 J(208) |
| | A-4455-BH 12 J(208) |
| | A-4455-BH 13 J(208) |
| | A-4455-BH 14 J(208) |
| | A-4455-BH 15 J(208) |
| | A-4455-BH 16 J(208) |
| | A-4455-BH 17 J(208) |
| | A-4455-BH 18 J(208) |
| | A-4455-BH 19 J(208) |
| | A-4455-BH 20 J(208) |
| | A-4455-BH 21 J(208) |
| | A-4455-BH 22 J(208) |
| | A-4455-BH 23 J(208) |
| | A-4455-BH 24 J(208) |
| | A-4455-BH 25 J(208) |

| | | | |
|--|--|---|--------------------------------------|
| REV: D7 | ECR/ECN INFORMATION: EC No.: UCP2010-2172 DATE: 4/15/2010 | TITLE: KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. - 5 - |
| DOCUMENT NUMBER: SDA-4455 | CREATED / REVISED BY: MKIPPER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



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 |
| | Housing No: | 4455-N | Housing No: | 4455-N | Housing No: | 4455-4 | Housing No: | 4455-AN |
| | Terminal No: | 6516-4(P909) | Terminal No: | 6516-4(565) | Terminal No: | 6516-4(208) | Terminal No: | 4316-4(P909) |
| | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 |
| | Plating: | P909 | Plating: | 565 | Plating: | 208 | Plating: | P909 |
| | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 |
| | Voids: | NONE | Voids: | NONE | Voids: | NONE | Voids: | NONE |
| | 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: | ECR/ECN INFORMATION: | TITLE: | SHEET No. |
| D7 | EC No.: UCP2010-2172 DATE: 4/15/2010 | KK 100 PCB ASSY 4455 SERIES DWG | - 6 - |
| DOCUMENT NUMBER: | | CREATED / REVISED BY: | CHECKED BY: |
| SDA-4455 | | MKIPPER | JBELL |
| | | APPROVED BY: | |
| | | FSMITH | |



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) |

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|--|--|--|--|--------------------------------------|
| REV: D7 | ECR/ECN INFORMATION: EC No.: UCP2010-2172 DATE: 4/15/2010 | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. - 7 - |
| DOCUMENT NUMBER: SDA-4455 | | CREATED / REVISED BY: MKIPPER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| | Assy Proc: | RIGHT ANGLE | Assy Proc: | RIGHT ANGLE | Assy Proc: | RIGHT ANGLE | Assy Proc: | RIGHT ANGLE |
|------|--------------|----------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|
| | Hooks Cut: | NO | Hooks Cut: | NO | Hooks Cut: | NO | Hooks Cut: | NO |
| | Housing No: | 4455-NR | Housing No: | 4455-N | Housing No: | 4455-N | Housing No: | 4455-N |
| | Terminal No: | 4316-4(P909) | Terminal No: | 4316-4(228) | Terminal No: | 6516-4(228) | Terminal No: | 6516-4(228) |
| | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 |
| | Plating: | P909 | Plating: | 228 | Plating: | 228 | Plating: | 228 |
| | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 |
| | Voids: | NONE | Voids: | NONE | Voids: | NONE | Voids: | NONE |
| | | | | | | | | |
| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | 22-15-4022 | A-4455-AR02A(P909) | | 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) |

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|-------------------------|-----------------------------|------------------------------|--|---------------------|------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | | - 8 - |
| | DATE: 4/15/2010 | | | | |
| DOCUMENT NUMBER: | | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: | |
| SDA-4455 | | MKIPPER | JBELL | FSMITH | |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| | Assy Proc: | BOTTOM ENTRY | Assy Proc: | BOTTOM ENTRY | Assy Proc: | BOTTOM ENTRY | Assy Proc: | BOTTOM ENTRY |
|------|--------------|-------------------|--------------|---------------------|--------------|-------------------|--------------|-------------------|
| | Hooks Cut: | NO | Hooks Cut: | NO | Hooks Cut: | NO | Hooks Cut: | NO |
| | Housing No: | 4455-N2 | Housing No: | 4455-N2 | Housing No: | 4455-N2 | Housing No: | 4455-N2 |
| | Terminal No: | 4316-3B(228) | Terminal No: | 4316-3B(231) | Terminal No: | 4316-3B(228) | Terminal No: | 6516-3B(228) |
| | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 |
| | Plating: | 228 | Plating: | 231 | Plating: | 228 | Plating: | 228 |
| | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 |
| | Voids: | NO | Voids: | NO | Voids: | NO | Voids: | NO |
| | | | | | | | | |
| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | 22-17-2024 | A-4455-BH02D(228) | | 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) |

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|-------------------------|-----------------------------|------------------------------|--|---------------------|------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | | - 9 - |
| | DATE: 4/15/2010 | | | | |
| DOCUMENT NUMBER: | | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: | |
| SDA-4455 | | MKIPPER | JBELL | FSMITH | |



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-44646-001 |
| | 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 | | 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) |

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|-------------------------|-----------------------------|--|--------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | |
| D7 | EC No.: UCP2010-2172 | KK 100 PCB ASSY 4455 SERIES DWG | <u>SHEET No.</u> |
| | DATE: 4/15/2010 | | - 10 - |
| DOCUMENT NUMBER: | | CREATED / REVISED BY: | CHECKED BY: |
| SDA-4455 | | MKIPPER | JBELL |
| | | APPROVED BY: | |
| | | FSMITH | |



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 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 | 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: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | - 11 - |
| | DATE: 4/15/2010 | | | |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: | |
| SDA-4455 | MKIPPER | JBELL | FSMITH | |



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) |

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|-------------------------|------------------------------|--------------------|--|------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | - 12 - |
| | DATE: 4/15/2010 | | | |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: | |
| SDA-4455 | MKIPPER | JBELL | 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: | YES | Hooks Cut: | YES | Hooks Cut: | YES | Hooks Cut: | YES |
| | Housing No: | 4455-N | Housing No: | 4455-N | Housing No: | 4455-N | Housing No: | 4455-N |
| | Terminal No: | 4316-4(P909) | Terminal No: | 6516-4(208) | Terminal No: | 6516-4(P909) | Terminal No: | 4316-4(P909) |
| | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 | Dim C: | 3.35 / .132 |
| | Plating: | P909 | Plating: | 208 | Plating: | P909 | Plating: | P909 |
| | Packaging: | PK-44646-004 | Packaging: | PK-44646-004 | Packaging: | PK-44646-003 | 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 | | A-4455-AY02A(P909) | | A-4455-AY02B(208) | | A-4455-CY02B(P909) | | |
| 3 | 22-02-7262 | A-4455-AY 03 A(P909) | 50-29-0035 | A-4455-AY 03 B(208) | | A-4455-CY 03B(P909) | | |
| 4 | | A-4455-AY 04 A(P909) | | A-4455-AY 04 B(208) | | A-4455-CY 04B(P909) | | |
| 5 | | A-4455-AY 05 A(P909) | | A-4455-AY 05 B(208) | 50-29-1553 | A-4455-CY 05B(P909) | | |
| 6 | | A-4455-AY 06 A(P909) | | A-4455-AY 06 B(208) | 50-29-1554 | A-4455-CY 06B(P909) | 22-15-5065 | A-4455-CY06A(P909)-2 |
| 7 | | A-4455-AY 07 A(P909) | | A-4455-AY 07 B(208) | | A-4455-CY 07B(P909) | | |
| 8 | | A-4455-AY 08 A(P909) | | A-4455-AY 08 B(208) | | A-4455-CY 08B(P909) | | |
| 9 | | A-4455-AY 09 A(P909) | | A-4455-AY 09 B(208) | | A-4455-CY 09B(P909) | | |
| 10 | | A-4455-AY 10 A(P909) | | A-4455-AY 10 B(208) | | A-4455-CY 10B(P909) | | |
| 11 | | A-4455-AY 11 A(P909) | | A-4455-AY 11 B(208) | | A-4455-CY 11B(P909) | | |
| 12 | | A-4455-AY 12 A(P909) | | A-4455-AY 12 B(208) | | A-4455-CY 12B(P909) | | |
| 13 | | A-4455-AY 13 A(P909) | | A-4455-AY 13 B(208) | | A-4455-CY 13B(P909) | | |
| 14 | | A-4455-AY 14 A(P909) | | A-4455-AY 14 B(208) | | A-4455-CY 14B(P909) | | |
| 15 | | A-4455-AY 15 A(P909) | | A-4455-AY 15 B(208) | | A-4455-CY 15B(P909) | | |
| 16 | | A-4455-AY 16 A(P909) | | A-4455-AY 16 B(208) | | A-4455-CY 16B(P909) | | |
| 17 | | A-4455-AY 17 A(P909) | | A-4455-AY 17 B(208) | | A-4455-CY 17B(P909) | | |
| 18 | | A-4455-AY 18 A(P909) | | A-4455-AY 18 B(208) | | A-4455-CY 18B(P909) | | |
| 19 | | A-4455-AY 19 A(P909) | | A-4455-AY 19 B(208) | | A-4455-CY 19B(P909) | | |
| 20 | | A-4455-AY 20 A(P909) | | A-4455-AY 20 B(208) | | A-4455-CY 20B(P909) | | |
| 21 | | A-4455-AY 21 A(P909) | | A-4455-AY 21 B(208) | | A-4455-CY 21B(P909) | | |
| 22 | | A-4455-AY 22 A(P909) | | A-4455-AY 22 B(208) | | A-4455-CY 22B(P909) | | |
| 23 | | A-4455-AY 23 A(P909) | | A-4455-AY 23 B(208) | | A-4455-CY 23B(P909) | | |
| 24 | | A-4455-AY 24 A(P909) | | A-4455-AY 24 B(208) | | A-4455-CY 24B(P909) | | |
| 25 | | A-4455-AY 25 A(P909) | | A-4455-AY 25 B(208) | | A-4455-CY 25B(P909) | | |

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|-------------------------|------------------------------|--------------------|--|------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | - 14 - |
| | DATE: 4/15/2010 | | | |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: | |
| SDA-4455 | MKIPPER | JBELL | FSMITH | |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| | Assy Proc: | BOTTOM ENTRY | Assy Proc: | BOTTOM ENTRY | Assy Proc: | | Assy Proc: | |
|------|--------------|-----------------------|--------------|----------------------|--------------|-----------------|--------------|-----------------|
| | Hooks Cut: | NO | Hooks Cut: | NO | Hooks Cut: | | Hooks Cut: | |
| | Housing No: | 4455-N2 | Housing No: | 4455-N2 | Housing No: | | Housing No: | |
| | Terminal No: | 4316-3B(P909) | Terminal No: | 4316-3B(208) | Terminal No: | | Terminal No: | |
| | Dim C: | .132 / 3.35 | Dim C: | .132 / 3.35 | Dim C: | | Dim C: | |
| | Plating: | P909 | Plating: | 208 | Plating: | | Plating: | |
| | Packaging: | PK-44646-001 | Packaging: | PK-44646-001 | Packaging: | | Packaging: | |
| | Voids: | YES IN CKT 10 | Voids: | 2,3,4,6,7,8,10,11,12 | Voids: | | Voids: | |
| | | | | | | | | |
| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
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| 10 | | | | | | | | |
| 11 | 50-36-1881 | A-4455-BH11D(P909)-10 | | | | | | |
| 12 | | | | | | | | |
| 13 | | | 26-01-3099 | A-4455-BH13D(208)-51 | | | | |
| 14 | | | | | | | | |
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|-------------------------|---|--|---------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | SHEET No. |
| D7 | EC No.: UCP2010-2172 DATE: 4/15/2010 | KK 100 PCB ASSY 4455 SERIES DWG | - 15 - |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
| SDA-4455 | MKIPPER | JBELL | FSMITH |