

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022162240](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® PC Board Connector, Right Angle, End-to-End Stackable, 0.38µm (15µ") Gold (Au), 24 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

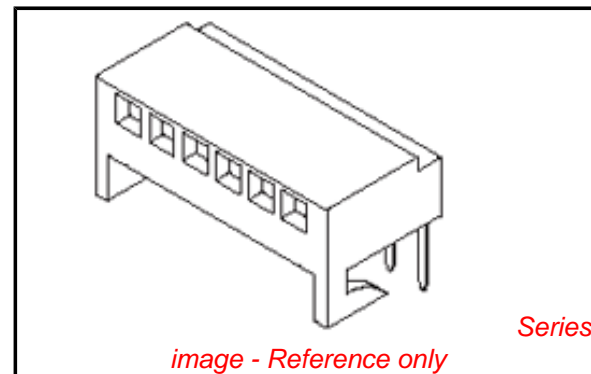
Product Family PCB Receptacles
 Series [4455](#)
 Application Board-to-Board
 Overview [kk](#)
 Product Name KK®

Physical

Circuits (Loaded) 24
 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 - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 1
 Orientation Right Angle
 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 Yes
 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
Not Reviewed

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-AZ24A(208) |
|-----------------|-------------------|

Reference - Drawing Numbers

| | |
|---------------|----------|
| Sales Drawing | SDA-4455 |
|---------------|----------|

This document was generated on 05/31/2010

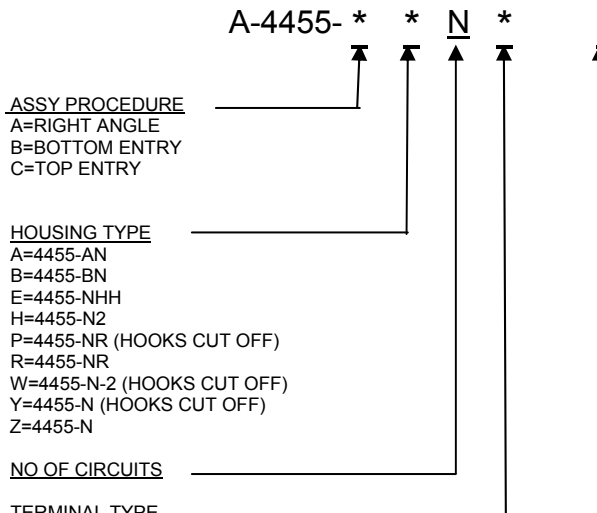
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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 |
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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: <h2 style="text-align: center;">KK 100 PCB ASSY 4455 SERIES DWG</h2> | SHEET No. <h1 style="text-align: center;">- 2 -</h1> |
|--------------------------|--|---|--|

| | | | |
|--|--|------------------------------------|--------------------------------------|
| 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: | SHEET No. |
| D7 | EC No.: UCP2010-2172 DATE: 4/15/2010 | KK 100 PCB ASSY 4455 SERIES DWG | - 3 - |
| 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 |
| 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 | - 4 - |
| | DATE: 4/15/2010 | 4455 SERIES DWG | |
| 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: | ECR/ECN INFORMATION: | TITLE: | KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. |
| D7 | EC No.: UCP2010-2172 | | | - 5 - |
| | 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

| 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 | KK 100 PCB ASSY | - 6 - |
| | DATE: 4/15/2010 | 4455 SERIES DWG | |
| 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) |

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

| Ckts | Assy Proc: TOP ENTRY | | Assy Proc: TOP ENTRY | | Assy Proc: TOP ENTRY | | Assy Proc: TOP ENTRY | |
|------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | | A-4455-CP02A(208) | 22-18-2026 | A-4455-CY02A(565) | 22-02-7023 | A-4455-CY02A(P909) | 22-15-4028 | A-4455-CB02A(P909) |
| 3 | | A-4455-CP 03 A(208) | 22-18-2036 | A-4455-CY 03 A(565) | 22-02-7033 | A-4455-CY 03A(P909) | 22-15-4038 | A-4455-CB 03A(P909) |
| 4 | | A-4455-CP 04 A(208) | 22-18-2046 | A-4455-CY 04 A(565) | 22-02-7043 | A-4455-CY 04A(P909) | 22-15-4048 | A-4455-CB 04A(P909) |
| 5 | 22-18-2057 | A-4455-CP 05 A(208) | 22-18-2056 | A-4455-CY 05 A(565) | 22-02-7053 | A-4455-CY 05A(P909) | 22-15-4058 | A-4455-CB 05A(P909) |
| 6 | | A-4455-CP 06 A(208) | 22-18-2066 | A-4455-CY 06 A(565) | 22-02-7063 | A-4455-CY 06A(P909) | 22-15-4068 | A-4455-CB 06A(P909) |
| 7 | | A-4455-CP 07 A(208) | 22-18-2076 | A-4455-CY 07 A(565) | 22-02-7073 | A-4455-CY 07A(P909) | 22-15-4078 | A-4455-CB 07A(P909) |
| 8 | | A-4455-CP 08 A(208) | 22-18-2086 | A-4455-CY 08 A(565) | 22-02-7083 | A-4455-CY 08A(P909) | 22-15-4088 | A-4455-CB 08A(P909) |
| 9 | | A-4455-CP 09 A(208) | 22-18-2096 | A-4455-CY 09 A(565) | 22-02-7093 | A-4455-CY 09A(P909) | 22-15-4098 | A-4455-CB 09A(P909) |
| 10 | | A-4455-CP 10 A(208) | 22-18-2106 | A-4455-CY 10 A(565) | 22-02-7103 | A-4455-CY 10A(P909) | 22-15-4108 | A-4455-CB 10A(P909) |
| 11 | | A-4455-CP 11 A(208) | 22-18-2116 | A-4455-CY 11 A(565) | 22-02-7113 | A-4455-CY 11A(P909) | 22-15-4118 | A-4455-CB 11A(P909) |
| 12 | | A-4455-CP 12 A(208) | 22-18-2126 | A-4455-CY 12 A(565) | 22-02-7123 | A-4455-CY 12A(P909) | 22-15-4128 | A-4455-CB 12A(P909) |
| 13 | | A-4455-CP 13 A(208) | 22-18-2136 | A-4455-CY 13 A(565) | 22-02-7133 | A-4455-CY 13A(P909) | 22-15-4138 | A-4455-CB 13A(P909) |
| 14 | | A-4455-CP 14 A(208) | 22-18-2146 | A-4455-CY 14 A(565) | 22-02-7143 | A-4455-CY 14A(P909) | 22-15-4148 | A-4455-CB 14A(P909) |
| 15 | | A-4455-CP 15 A(208) | 22-18-2156 | A-4455-CY 15 A(565) | 22-02-7153 | A-4455-CY 15A(P909) | 22-15-4158 | A-4455-CB 15A(P909) |
| 16 | | A-4455-CP 16 A(208) | 22-18-2166 | A-4455-CY 16 A(565) | 22-02-7163 | A-4455-CY 16A(P909) | 22-15-4168 | A-4455-CB 16A(P909) |
| 17 | | A-4455-CP 17 A(208) | 22-18-2176 | A-4455-CY 17 A(565) | 22-02-7173 | A-4455-CY 17A(P909) | 22-15-4178 | A-4455-CB 17A(P909) |
| 18 | | A-4455-CP 18 A(208) | 22-18-2186 | A-4455-CY 18 A(565) | 22-02-7183 | A-4455-CY 18A(P909) | 22-15-4188 | A-4455-CB 18A(P909) |
| 19 | | A-4455-CP 19 A(208) | 22-18-2196 | A-4455-CY 19 A(565) | 22-02-7193 | A-4455-CY 19A(P909) | 22-15-4198 | A-4455-CB 19A(P909) |
| 20 | | A-4455-CP 20 A(208) | 22-18-2206 | A-4455-CY 20 A(565) | 22-02-7203 | A-4455-CY 20A(P909) | 22-15-4208 | A-4455-CB 20A(P909) |
| 21 | | A-4455-CP 21 A(208) | 22-18-2216 | A-4455-CY 21 A(565) | 22-02-7213 | A-4455-CY 21A(P909) | 22-15-4218 | A-4455-CB 21A(P909) |
| 22 | | A-4455-CP 22 A(208) | 22-18-2226 | A-4455-CY 22 A(565) | 22-02-7223 | A-4455-CY 22A(P909) | 22-15-4228 | A-4455-CB 22A(P909) |
| 23 | | A-4455-CP 23 A(208) | 22-18-2236 | A-4455-CY 23 A(565) | 22-02-7233 | A-4455-CY 23A(P909) | 22-15-4238 | A-4455-CB 23A(P909) |
| 24 | | A-4455-CP 24 A(208) | 22-18-2246 | A-4455-CY 24 A(565) | 22-02-7243 | A-4455-CY 24A(P909) | 22-15-4248 | A-4455-CB 24A(P909) |
| 25 | | A-4455-CP 25 A(208) | 22-18-2256 | A-4455-CY 25 A(565) | 22-02-7253 | A-4455-CY 25A(P909) | 22-15-4258 | A-4455-CB 25A(P909) |

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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. - 10 - |
| 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: | 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 | 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) |

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|-------------------------|------------------------------|--------------------|--|------------------|
| 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: | 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-44646-001 | Packaging: | PK-44646-001 | Packaging: | PK-44646-003 |
| | Voids: | NO | Voids: | NO | Voids: | NO | Voids: | YES IN CKT 2 |
| | | | | | | | | |
| | | | | | | | | |
| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | | | 22-16-3028 | A-4455-AB02A(565) | 38-00-1422 | A-4455-CZ02C(P909) | | |
| 3 | | | 22-16-3038 | A-4455-AB 03 A(565) | 38-00-1423 | A-4455-CZ03C(P909) | | |
| 4 | | | 22-16-3048 | A-4455-AB 04 A(565) | 38-00-1424 | A-4455-CZ04C(P909) | | |
| 5 | | | 22-16-3058 | A-4455-AB 05 A(565) | 38-00-1425 | A-4455-CZ05C(P909) | | |
| 6 | | | 22-16-3068 | A-4455-AB 06 A(565) | 38-00-1426 | A-4455-CZ06C(P909) | 22-02-3068 | A-4455-CW06A(P909)-2 |
| 7 | 22-14-3617 | A-4455-AA07T(P909) | 22-16-3078 | A-4455-AB 07 A(565) | 38-00-1427 | A-4455-CZ07C(P909) | 50-29-0004 | A-4455-CW07A(P909)-2 |
| 8 | 22-14-3618 | A-4455-AA 08 T(P909) | 22-16-3088 | A-4455-AB 08 A(565) | 38-00-1428 | A-4455-CZ08C(P909) | | |
| 9 | 22-14-3619 | A-4455-AA 09 T(P909) | 22-16-3098 | A-4455-AB 09 A(565) | 38-00-1429 | A-4455-CZ09C(P909) | | |
| 10 | 22-14-3711 | A-4455-AA 10 T(P909) | 22-16-3108 | A-4455-AB 10 A(565) | 38-00-1430 | A-4455-CZ10C(P909) | | |
| 11 | 22-14-3712 | A-4455-AA 11 T(P909) | 22-16-3118 | A-4455-AB 11 A(565) | 38-00-1431 | A-4455-CZ11C(P909) | | |
| 12 | 22-14-3713 | A-4455-AA 12 T(P909) | 22-16-3128 | A-4455-AB 12 A(565) | 38-00-1432 | A-4455-CZ12C(P909) | | |
| 13 | 22-14-3714 | A-4455-AA 13 T(P909) | 22-16-3138 | A-4455-AB 13 A(565) | 38-00-1433 | A-4455-CZ13C(P909) | | |
| 14 | 22-14-3715 | A-4455-AA 14 T(P909) | 22-16-3148 | A-4455-AB 14 A(565) | 38-00-1434 | A-4455-CZ14C(P909) | | |
| 15 | 22-14-3716 | A-4455-AA 15 T(P909) | 22-16-3158 | A-4455-AB 15 A(565) | 38-00-1435 | A-4455-CZ15C(P909) | | |
| 16 | 22-14-3717 | A-4455-AA 16 T(P909) | 22-16-3168 | A-4455-AB 16 A(565) | 38-00-1436 | A-4455-CZ16C(P909) | | |
| 17 | 22-14-3718 | A-4455-AA 17 T(P909) | 22-16-3178 | A-4455-AB 17 A(565) | 38-00-1437 | A-4455-CZ17C(P909) | | |
| 18 | 22-14-3719 | A-4455-AA 18 T(P909) | 22-16-3188 | A-4455-AB 18 A(565) | 38-00-1438 | A-4455-CZ18C(P909) | | |
| 19 | 22-14-3811 | A-4455-AA 19 T(P909) | 22-16-3198 | A-4455-AB 19 A(565) | 38-00-1439 | A-4455-CZ19C(P909) | | |
| 20 | 22-14-3812 | A-4455-AA 20 T(P909) | 22-16-3208 | A-4455-AB 20 A(565) | 38-00-1440 | A-4455-CZ20C(P909) | | |
| 21 | 22-14-3813 | A-4455-AA 21 T(P909) | 22-16-3218 | A-4455-AB 21 A(565) | 38-00-1441 | A-4455-CZ21C(P909) | | |
| 22 | 22-14-3814 | A-4455-AA 22 T(P909) | 22-16-3228 | A-4455-AB 22 A(565) | 38-00-1442 | A-4455-CZ22C(P909) | | |
| 23 | 22-14-3815 | A-4455-AA 23 T(P909) | 22-16-3238 | A-4455-AB 23 A(565) | 38-00-1443 | A-4455-CZ23C(P909) | | |
| 24 | 22-14-3816 | A-4455-AA 24 T(P909) | 22-16-3248 | A-4455-AB 24 A(565) | 38-00-1444 | A-4455-CZ24C(P909) | | |
| 25 | 22-14-3817 | A-4455-AA 25 T(P909) | 22-16-3258 | A-4455-AB 25 A(565) | 38-00-1445 | A-4455-CZ25C(P909) | | |

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|-------------------------|------------------------------|------------------------|---------------------|
| REV: | ECR/ECN INFORMATION: | TITLE: | SHEET No. |
| D7 | EC No.: UCP2010-2172 | KK 100 PCB ASSY | - 13 - |
| | DATE: 4/15/2010 | 4455 SERIES DWG | |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
| SDA-4455 | MKIPPER | JBELL | FSMITH |



KK 100 PCB ASSY 2-25 CKT

4455 SERIES

| Ckts | Assy Proc: RIGHT ANGLE | | Assy Proc: RIGHT ANGLE | | Assy Proc: TOP ENTRY | | Assy Proc: TOP ENTRY | |
|------|------------------------|----------------------|------------------------|---------------------|----------------------|---------------------|----------------------|----------------------|
| | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
| 2 | | 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: D7 | ECR/ECN INFORMATION: EC No.: UCP2010-2172 DATE: 4/15/2010 | TITLE: KK 100 PCB ASSY 4455 SERIES DWG | SHEET No. - 14 - |
| 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: | 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 | | | | | | | | |
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| 11 | 50-36-1881 | A-4455-BH11D(P909)-10 | | | | | | |
| 12 | | | | | | | | |
| 13 | | | 26-01-3099 | A-4455-BH13D(208)-51 | | | | |
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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 |