

10

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

(10.18±.13)
.400±.005

6

(15.14±.18)
.596±.007

(12.70±.13)
.500±.005

7

(17.68±.20)
.696±.008

(15.24±.15)
.600±.006

8

(20.22±.20)
.796±.008

(17.78±.15)
.700±.006

9

(22.76±.20)
.896±.008

(20.32±.15)
.800±.006

10

(25.30±.25)
.996±.010

(22.86±.20)
.900±.008

11

(27.84±.25)
1.096±.010

(25.40±.20)
1.000±.008

12

(30.38±.25)
1.196±.010

(27.94±.20)
1.100±.008

13

(32.92±.25)
1.296±.010

(30.48±.20)
1.200±.008

14

(35.46±.25)
1.396±.010

(33.02±.20)
1.300±.008

15

(38.00±.28)
1.496±.011

(35.56±.23)
1.400±.009

16

(40.54±.28)
1.596±.011

(38.10±.23)
1.500±.009

17

(43.08±.28)
1.696±.011

(40.64±.23)
1.600±.009

18

(45.62±.28)
1.796±.011

(43.18±.23)
1.700±.009

19

(48.16±.28)
1.896±.011

(45.72±.23)
1.800±.009

20

(50.70±.30)
1.996±.012

(48.26±.25)
1.900±.010

ASS'Y. PROC. A
RIGHT ANGLE

(2.54±0.05)
.100±.002
TYP.
NON ACCUM.

(1.07±0.05)
.042±.002
DIA. HOLE TYP.

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

(5.33±0.10)
.210±.004

(7.9)
.31

(6.1) MIN. PIN
.24 INSERTION DEPTH

(2.54)
.100 TYP.

(3.61)
.142
REF

(4.70±0.51)
.185±.020

(3.0±0.5)
.12±.02

(0.8)
.03

(7.1)
.28
REF.

(1.8)
.07

CIRCUIT 1

4455-N HOUSING SHOWN

ASS'Y. PROC. B
BOTTOM ENTRY

(3.81±0.10) TYP.
.150±.004

(1.78±0.25)
.070±.010
DIA. HOLE TYP.
CLEARANCE

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

(27.84±.25)
1.096±.010

(27.94±.20)
1.100±.008

(3.81±0.10) TYP.
.150±.004

(1.78±0.25)
.070±.010
DIA. HOLE TYP.
CLEARANCE

4455-N2 HOUSING SHOWN

ASS'Y. PROC. C
TOP ENTRY

(2.51) REF.
.099

(1.09) REF.
.043

(3.61) REF.
.142

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

(2.51) REF.
.099

(1.09) REF.
.043

(3.61) REF.
.142

(2.51) REF.
.099

(1.09) REF.
.043

(3.61) REF.
.142

4455-N HOUSING SHOWN

NOTES:

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

2. FINISH:

(208) - SELECT GOLD: (0.00038)/.000015 MIN., SELECT TIN: (0.00254)/.000100 MIN.
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.

(228) - SELECT GOLD: (0.00076)/.000030 MIN., SELECT TIN: (0.00254)/.000100 MIN.
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.

(231) - SELECT GOLD: (0.00127)/.000050 MIN., SELECT TIN: (0.00254)/.000100 MIN.
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.

(565) - SELECT GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL: (0.00076)/.000030 MIN.
OVERALL GOLD FLASH: (0.00005)/.000002 MIN.

(P909) - OVERALL TIN: (0.00254)/.000100 MIN.

3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.

4. PACKAGING: SEE CHARTS.

5. PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.

6. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.

7. TYPICAL PCB THICKNESS: (1.57)/.062

8. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
EXCEPT PROTRUSIONS. PARTS MAY HAVE MORE THAN 2 GATE MARKS.

9. WHEN MATING ASSEMBLIES THAT USE 4455-BN HOUSINGS TO BREAKAWAY
FRICTION LOCK OR POLARIZING HEADERS, THE END BACKWALLS MUST BE REMOVED.

10. DIMENSION C MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

10

9

8

7

6

5

4

3

2

1

HOUSING NO.
4455-BN
SEE NOTE 9

WITH RAMP AND POLARIZING

HOUSING NO.
4455-N2

AVAILABLE ON BOTTOM ENTRY APPLICATIONS ONLY

HOUSING NO.
4455-NR

WITH RAMP

HOUSING NO.
4455-N-02

MOLDED VOID IN CKT 2

HOUSING NO.
4455-N

HOOKS CUT OPTION AVAILABLE ON TOP ENTRY, SEE CHART

END BACKWALLS MUST BE REMOVED
SEE NOTE 9

KK BREAKAWAY FRICTION LOCK
OR POLARIZING HEADER

REMOVE OBSOLETE
EC NO: UC2017-1505
DRWN:BAPELDORN 2017/01/10
CHKD:HK/PPER 2017/01/10
APPR:FSMITH 2017/03/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .015
1 PLACE ± 0.36 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY DATE
SAMIEC 10/5/84
CHECKED BY DATE
PATEL 10/5/84
APPROVED BY DATE
LENZ 10/5/84
MATERIAL NO.
SEE CHART
SHEET NO.
SDA-4455

SCALE

DESIGN UNITS
INCH
THIRD ANGLE
PROJECTION
TITLE
KK 100 PCB ASSY
4455 SERIES DWG
molex
DOCUMENT NO.
SHEET NO.
1 OF *

1b_frame_B_P_ME_T
Rev. G 2012/01/11

9

8

7

6

5

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3

2

1

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KK 100 PCB ASSY 2-20 CKT

4455 SERIES

STANDARD PRODUCT

ASSY PROCEDURE

A=RIGHT ANGLE
B=BOTTOM ENTRY
C=TOP ENTRY

HOUSING OPTION

B=4455-BN
G=4455-BN (HOOKS CUT OFF)
H=4455-N2 (BOTTOM ENTRY ONLY)
P=4455-NR (HOOKS CUT OFF)
R=4455-NR
V=4455-N-02
W=4455-N-02 (HOOKS CUT OFF)
Y=4455-N (HOOKS CUT OFF)
Z=4455-N

NO OF CIRCUITS

TERMINAL TYPE

Code	Number	Material	Form
A	4316-4	Brass	Standard
B	6516-4	Phos Bronze	Standard
C	6516-5C	Phos Bronze	Cat Ear / V
D	4316-3B	Brass	Std / V
F	6516-6C	Phos Bronze	Cat Ear / V
G	4316-3	Brass	Standard
J	6516-3B	Phos Bronze	Std / V
L	6516-3C	Phos Bronze	Cat Ear / V
M	6516-4A	Phos Bronze	Cat Ear
T	4316-4A	Brass	Cat Ear

PLATING

(SEE SHEET 1)

A-4455- * * N *

* - *

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

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

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

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)

REV:

D14

ECM INFORMATION:

ECM No.: 112179

DATE: 2017/01/24

TITLE:

**KK 100 PCB ASSY
4455 SERIES DWG**

SHEET No.

- 2 -

DOCUMENT NUMBER:

SDA-4455

DOC TYPE:

PSD

DOC PART:

002

CREATED / REVISED BY:

JQUILES

CHECKED BY:

MKIPPER

APPROVED BY:

FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 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
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)
	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)

REV: D14	ECM INFORMATION:		TITLE: KK 100 PCB ASSY 4455 SERIES DWG			SHEET No. - 3 -
	ECM No.: 112179	DATE: 2017/01/24				
DOCUMENT NUMBER:		DOC TYPE:	DOC PART:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA-4455		PSD	002	JQUILES	MKIPPER	FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Ckts	Assy Proc:		TOP ENTRY	Assy Proc:		TOP ENTRY	Assy Proc:		TOP ENTRY	Assy Proc:		TOP ENTRY
	Hooks Cut:		NO	Hooks Cut:		NO	Hooks Cut:		NO	Hooks Cut:		NO
	Housing No:		4455-N	Housing No:		4455-N	Housing No:		4455-N	Housing No:		4455-N
	Terminal No:		4316-4(P909)	Terminal No:		4316-4(565)	Terminal No:		4316-4(208)	Terminal No:		6516-4(P909)
	Dim C:		3.35 / .132	Dim C:		3.35 / .132	Dim C:		3.35 / .132	Dim C:		3.35 / .132
	Plating:		P909	Plating:		565	Plating:		208	Plating:		P909
	Packaging:		PK-44646-001	Packaging:		PK-44646-001	Packaging:		PK-44646-001	Packaging:		PK-44646-001
	Voids:		NONE	Voids:		NONE	Voids:		NONE	Voids:		NONE
	Material No		Engineer Number	Material No		Engineer Number	Material No		Engineer Number	Material No		Engineer Number
2	22-02-2025		A-4455-CZ02A(P909)	22-18-2023		A-4455-CZ02A(565)	22-18-2021		A-4455-CZ02A(208)	22-15-4025		A-4455-AZ02B(P909)
3	22-02-2035		A-4455-CZ 03A(P909)	22-18-2033		A-4455-CZ 03 A(565)	22-18-2031		A-4455-CZ 03 A(208)	22-15-4035		A-4455-AZ 03B(P909)
4	22-02-2045		A-4455-CZ 04A(P909)	22-18-2043		A-4455-CZ 04 A(565)	22-18-2041		A-4455-CZ 04 A(208)	22-15-4045		A-4455-AZ 04B(P909)
5	22-02-2055		A-4455-CZ 05A(P909)	22-18-2053		A-4455-CZ 05 A(565)	22-18-2051		A-4455-CZ 05 A(208)	22-15-4055		A-4455-AZ 05B(P909)
6	22-02-2065		A-4455-CZ 06A(P909)	22-18-2063		A-4455-CZ 06 A(565)	22-18-2061		A-4455-CZ 06 A(208)	22-15-4065		A-4455-AZ 06B(P909)
7	22-02-2075		A-4455-CZ 07A(P909)	22-18-2073		A-4455-CZ 07 A(565)	22-18-2071		A-4455-CZ 07 A(208)	22-15-4075		A-4455-AZ 07B(P909)
8	22-02-2085		A-4455-CZ 08 A(P909)	22-18-2083		A-4455-CZ 08 A(565)	22-18-2081		A-4455-CZ 08 A(208)	22-15-4085		A-4455-AZ 08B(P909)
9	22-02-2095		A-4455-CZ 09 A(P909)	22-18-2093		A-4455-CZ 09 A(565)	22-18-2091		A-4455-CZ 09 A(208)	22-15-4095		A-4455-AZ 09B(P909)
10	22-02-2105		A-4455-CZ 10 A(P909)	22-18-2103		A-4455-CZ 10 A(565)	22-18-2101		A-4455-CZ 10 A(208)	22-15-4105		A-4455-AZ 10B(P909)
11	22-02-2115		A-4455-CZ 11 A(P909)	22-18-2113		A-4455-CZ 11 A(565)	22-18-2111		A-4455-CZ 11 A(208)	22-15-4115		A-4455-AZ 11B(P909)
12	22-02-2125		A-4455-CZ 12 A(P909)	22-18-2123		A-4455-CZ 12 A(565)	22-18-2121		A-4455-CZ 12 A(208)	22-15-4125		A-4455-AZ 12B(P909)
13	22-02-2135		A-4455-CZ 13 A(P909)	22-18-2133		A-4455-CZ 13 A(565)	22-18-2131		A-4455-CZ 13 A(208)	22-15-4135		A-4455-AZ 13B(P909)
14	22-02-2145		A-4455-CZ 14 A(P909)	22-18-2143		A-4455-CZ 14 A(565)	22-18-2141		A-4455-CZ 14 A(208)	22-15-4145		A-4455-AZ 14B(P909)
15	22-02-2155		A-4455-CZ 15 A(P909)	22-18-2153		A-4455-CZ 15 A(565)	22-18-2151		A-4455-CZ 15 A(208)	22-15-4155		A-4455-AZ 15B(P909)
16	22-02-2165		A-4455-CZ 16 A(P909)	22-18-2163		A-4455-CZ 16 A(565)	22-18-2161		A-4455-CZ 16 A(208)	22-15-4165		A-4455-AZ 16B(P909)
17	22-02-2175		A-4455-CZ 17 A(P909)	22-18-2173		A-4455-CZ 17 A(565)	22-18-2171		A-4455-CZ 17 A(208)	22-15-4175		A-4455-AZ 17B(P909)
18	22-02-2185		A-4455-CZ 18 A(P909)	22-18-2183		A-4455-CZ 18 A(565)	22-18-2181		A-4455-CZ 18 A(208)	22-15-4185		A-4455-AZ 18B(P909)
19	22-02-2195		A-4455-CZ 19 A(P909)	22-18-2193		A-4455-CZ 19 A(565)	22-18-2191		A-4455-CZ 19 A(208)	22-15-4195		A-4455-AZ 19B(P909)
20	22-02-2205		A-4455-CZ 20 A(P909)	22-18-2203		A-4455-CZ 20 A(565)	22-18-2201		A-4455-CZ 20 A(208)	22-15-4205		A-4455-AZ 20B(P909)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		TITLE: KK 100 PCB ASSY 4455 SERIES DWG			SHEET No. - 4 -	
DOCUMENT NUMBER: SDA-4455		DOC TYPE: PSD	DOC PART: 002	CREATED / REVISED BY: JQUILES	CHECKED BY: MKIPPER	APPROVED BY: FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

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

REV: D14	ECM INFORMATION:		TITLE: KK 100 PCB ASSY 4455 SERIES DWG	SHEET No. - 5 -
	ECM No.:	112179		
	DATE:	2017/01/24		
DOCUMENT NUMBER: SDA-4455	DOC TYPE: PSD	DOC PART: 002	CREATED / REVISED BY: JQUILES	CHECKED BY: MKIPPER
				APPROVED BY: FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Assy Proc:	TOP ENTRY
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		A-4455-CZ02B(P909)
3		A-4455-CZ 03 B(P909)
4		A-4455-CZ 04 B(P909)
5		A-4455-CZ 05 B(P909)
6		A-4455-CZ 06 B(P909)
7		A-4455-CZ 07 B(P909)
8		A-4455-CZ 08 B(P909)
9		A-4455-CZ 09 B(P909)
10		A-4455-CZ 10 B(P909)
11		A-4455-CZ 11 B(P909)
12		A-4455-CZ 12 B(P909)
13		A-4455-CZ 13 B(P909)
14		A-4455-CZ 14 B(P909)
15		A-4455-CZ 15 B(P909)
16		A-4455-CZ 16 B(P909)
17		A-4455-CZ 17 B(P909)
18		A-4455-CZ 18 B(P909)
19		A-4455-CZ 19 B(P909)
20		A-4455-CZ 20 B(P909)

Assy Proc:	TOP ENTRY
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

Material No	Engineer Number
22-18-2022	A-4455-CZ02B(565)
22-18-2032	A-4455-CZ 03 B(565)
22-18-2042	A-4455-CZ 04 B(565)
22-18-2052	A-4455-CZ 05 B(565)
22-18-2062	A-4455-CZ 06 B(565)
22-18-2072	A-4455-CZ 07 B(565)
22-18-2082	A-4455-CZ 08 B(565)
22-18-2092	A-4455-CZ 09 B(565)
22-18-2102	A-4455-CZ 10 B(565)
22-18-2112	A-4455-CZ 11 B(565)
22-18-2122	A-4455-CZ 12 B(565)
22-18-2132	A-4455-CZ 13 B(565)
22-18-2142	A-4455-CZ 14 B(565)
22-18-2152	A-4455-CZ 15 B(565)
22-18-2162	A-4455-CZ 16 B(565)
22-18-2172	A-4455-CZ 17 B(565)
22-18-2182	A-4455-CZ 18 B(565)
22-18-2192	A-4455-CZ 19 B(565)
22-18-2202	A-4455-CZ 20 B(565)

Assy Proc:	TOP ENTRY
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

Material No	Engineer Number
	A-4455-CZ02B(208)
	A-4455-CZ 03B(208)
	A-4455-CZ 04 B(208)
	A-4455-CZ 05 B(208)
	A-4455-CZ 06 B(208)
	A-4455-CZ 07 B(208)
	A-4455-CZ 08 B(208)
	A-4455-CZ 09 B(208)
	A-4455-CZ 10 B(208)
	A-4455-CZ 11 B(208)
	A-4455-CZ 12 B(208)
	A-4455-CZ 13 B(208)
	A-4455-CZ 14 B(208)
	A-4455-CZ 15 B(208)
	A-4455-CZ 16 B(208)
	A-4455-CZ 17 B(208)
	A-4455-CZ 18 B(208)
	A-4455-CZ 19 B(208)
	A-4455-CZ 20 B(208)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 6 -
<u>DOCUMENT NUMBER:</u> SDA-4455	<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Assy Proc:	RIGHT ANGLE
Hooks Cut:	NO
Housing No:	4455-BN
Terminal No:	4316-4(228)
Dim C:	3.35 / .132
Plating:	228
Packaging:	PK-44646-002
Voids:	NONE

Assy Proc:	RIGHT ANGLE
Hooks Cut:	NO
Housing No:	4455-BN
Terminal No:	4316-4(P909)
Dim C:	3.35 / .132
Plating:	P909
Packaging:	PK-44646-002
Voids:	NONE

Ckts	Material No	Engineer Number
2		A-4455-AB02A(228)
3		A-4455-AB 03 A(228)
4		A-4455-AB 04 A(228)
5		A-4455-AB 05 A(228)
6	50-34-8518	A-4455-AB 06 A(228)
7		A-4455-AB 07 A(228)
8		A-4455-AB 08 A(228)
9		A-4455-AB 09 A(228)
10		A-4455-AB 10 A(228)
11		A-4455-AB 11 A(228)
12		A-4455-AB 12 A(228)
13		A-4455-AB 13 A(228)
14		A-4455-AB 14 A(228)
15		A-4455-AB 15 A(228)
16		A-4455-AB 16 A(228)
17		A-4455-AB 17 A(228)
18		A-4455-AB 18 A(228)
19		A-4455-AB 19 A(228)
20		A-4455-AB 20 A(228)

Material No	Engineer Number
22-15-4024	A-4455-AB02A(P909)
22-15-4034	A-4455-AB 03A(P909)
22-15-4044	A-4455-AB 04A(P909)
22-15-4054	A-4455-AB 05A(P909)
22-15-4064	A-4455-AB 06A(P909)
22-15-4074	A-4455-AB 07A(P909)
22-15-4084	A-4455-AB 08A(P909)
22-15-4094	A-4455-AB 09A(P909)
22-15-4104	A-4455-AB 10A(P909)
22-15-4114	A-4455-AB 11A(P909)
22-15-4124	A-4455-AB 12A(P909)
22-15-4134	A-4455-AB 13A(P909)
22-15-4144	A-4455-AB 14A(P909)
22-15-4154	A-4455-AB 15A(P909)
22-15-4164	A-4455-AB 16A(P909)
22-15-4174	A-4455-AB 17A(P909)
22-15-4184	A-4455-AB 18A(P909)
22-15-4194	A-4455-AB 19A(P909)
22-15-4204	A-4455-AB 20A(P909)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 7 -
<u>DOCUMENT NUMBER:</u> SDA-4455	<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Ckts	Assy Proc:	RIGHT ANGLE	Assy Proc:	RIGHT ANGLE	Assy Proc:	RIGHT ANGLE	Assy Proc:	RIGHT ANGLE
	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO
	Housing No:	4455-NR	Housing No:	4455-N	Housing No:	4455-N	Housing No:	4455-N
	Terminal No:	4316-4(P909)	Terminal No:	4316-4(228)	Terminal No:	6516-4(228)	Terminal No:	6516-4(228)
	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132
	Plating:	P909	Plating:	228	Plating:	228	Plating:	228
	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001
	Voids:	NONE	Voids:	NONE	Voids:	NONE	Voids:	NONE
	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
	2	22-15-4022 A-4455-AR02A(P909)		A-4455-AZ02A(228)	22-17-5023	A-4455-AZ02B(228)	22-16-2022	A-4455-AZ02B(228)
	3	22-15-4032 A-4455-AR 03 A(P909)		A-4455-AZ 03 A(228)	22-17-5033	A-4455-AZ 03 B(228)	22-16-2032	A-4455-AZ 03 B(228)
	4	22-15-4042 A-4455-AR 04 A(P909)		A-4455-AZ 04 A(228)	22-17-5043	A-4455-AZ 04 B(228)	22-16-2042	A-4455-AZ 04 B(228)
	5	22-15-4052 A-4455-AR 05 A(P909)		A-4455-AZ 05 A(228)	22-17-5053	A-4455-AZ 05 B(228)	22-16-2052	A-4455-AZ 05 B(228)
	6	22-15-4062 A-4455-AR 06 A(P909)		A-4455-AZ 06 A(228)	22-17-5063	A-4455-AZ 06 B(228)	22-16-2062	A-4455-AZ 06 B(228)
	7	22-15-4072 A-4455-AR 07 A(P909)		A-4455-AZ 07 A(228)	22-17-5073	A-4455-AZ 07 B(228)	22-16-2072	A-4455-AZ 07 B(228)
	8	22-15-4082 A-4455-AR 08 A(P909)		A-4455-AZ 08 A(228)	22-17-5083	A-4455-AZ 08 B(228)	22-16-2082	A-4455-AZ 08 B(228)
	9	22-15-4092 A-4455-AR 09 A(P909)		A-4455-AZ 09 A(228)	22-17-5093	A-4455-AZ 09 B(228)	22-16-2092	A-4455-AZ 09 B(228)
	10	22-15-4102 A-4455-AR 10 A(P909)		A-4455-AZ 10 A(228)	22-17-5103	A-4455-AZ 10 B(228)	22-16-2102	A-4455-AZ 10 B(228)
	11	22-15-4112 A-4455-AR 11 A(P909)		A-4455-AZ 11 A(228)	22-17-5113	A-4455-AZ 11 B(228)	22-16-2112	A-4455-AZ 11 B(228)
	12	22-15-4122 A-4455-AR 12 A(P909)		A-4455-AZ 12 A(228)	22-17-5123	A-4455-AZ 12 B(228)	22-16-2122	A-4455-AZ 12 B(228)
	13	22-15-4132 A-4455-AR 13 A(P909)		A-4455-AZ 13 A(228)	22-17-5133	A-4455-AZ 13 B(228)	22-16-2132	A-4455-AZ 13 B(228)
14	22-15-4142	A-4455-AR 14 A(P909)		A-4455-AZ 14 A(228)	22-17-5143	A-4455-AZ 14 B(228)	22-16-2142	A-4455-AZ 14 B(228)
15	22-15-4152	A-4455-AR 15 A(P909)		A-4455-AZ 15 A(228)	22-17-5153	A-4455-AZ 15 B(228)	22-16-2152	A-4455-AZ 15 B(228)
16	22-15-4162	A-4455-AR 16 A(P909)		A-4455-AZ 16 A(228)	22-17-5163	A-4455-AZ 16 B(228)	22-16-2162	A-4455-AZ 16 B(228)
17	22-15-4172	A-4455-AR 17 A(P909)		A-4455-AZ 17 A(228)	22-17-5173	A-4455-AZ 17 B(228)	22-16-2172	A-4455-AZ 17 B(228)
18	22-15-4182	A-4455-AR 18 A(P909)		A-4455-AZ 18 A(228)	22-17-5183	A-4455-AZ 18 B(228)	22-16-2182	A-4455-AZ 18 B(228)
19	22-15-4192	A-4455-AR 19 A(P909)		A-4455-AZ 19 A(228)	22-17-5193	A-4455-AZ 19 B(228)	22-16-2192	A-4455-AZ 19 B(228)
20	22-15-4202	A-4455-AR 20 A(P909)	22-17-5201	A-4455-AZ 20 A(228)	22-17-5203	A-4455-AZ 20 B(228)	22-16-2202	A-4455-AZ 20 B(228)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 8 -
<u>DOCUMENT NUMBER:</u> SDA-4455		<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Ckts	Assy Proc:	BOTTOM ENTRY	Assy Proc:	BOTTOM ENTRY	Assy Proc:	BOTTOM ENTRY	Assy Proc:	BOTTOM ENTRY
	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO	Hooks Cut:	NO
	Housing No:	4455-N2	Housing No:	4455-N2	Housing No:	4455-N2	Housing No:	4455-N2
	Terminal No:	4316-3B(228)	Terminal No:	4316-3B(231)	Terminal No:	4316-3B(228)	Terminal No:	6516-3B(228)
	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132
	Plating:	228	Plating:	231	Plating:	228	Plating:	228
	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001	Packaging:	PK-44646-001
	Voids:	NO	Voids:	NO	Voids:	NO	Voids:	NO
	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
	2	22-17-2024 A-4455-BH02D(228)		A-4455-BH02D(231)		A-4455-BH02D(228)	22-17-2027	A-4455-BH02J(228)
	3	22-17-2034 A-4455-BH03D(228)		A-4455-BH 03 D(231)		A-4455-BH03D(228)	22-17-2037	A-4455-BH03J(228)
	4	22-17-2044 A-4455-BH04D(228)		A-4455-BH 04 D(231)		A-4455-BH04D(228)	22-17-2047	A-4455-BH04J(228)
	5	22-17-2054 A-4455-BH05D(228)		A-4455-BH 05 D(231)	22-17-3056	A-4455-BH05D(228)	22-17-2057	A-4455-BH05J(228)
	6	22-17-2064 A-4455-BH06D(228)		A-4455-BH 06 D(231)	22-17-3066	A-4455-BH06D(228)	22-17-2067	A-4455-BH06J(228)
	7	22-17-2074 A-4455-BH07D(228)		A-4455-BH 07 D(231)		A-4455-BH07D(228)	22-17-2077	A-4455-BH07J(228)
	8	22-17-2084 A-4455-BH08D(228)		A-4455-BH 08 D(231)	22-17-3086	A-4455-BH08D(228)	22-17-2087	A-4455-BH08J(228)
	9	22-17-2094 A-4455-BH09D(228)		A-4455-BH 09 D(231)		A-4455-BH09D(228)	22-17-2097	A-4455-BH09J(228)
	10	22-17-2104 A-4455-BH10D(228)		A-4455-BH 10 D(231)		A-4455-BH10D(228)	22-17-2107	A-4455-BH10J(228)
	11	22-17-2114 A-4455-BH11D(228)		A-4455-BH 11 D(231)		A-4455-BH11D(228)	22-17-2117	A-4455-BH11J(228)
	12	22-17-2124 A-4455-BH12D(228)		A-4455-BH 12 D(231)		A-4455-BH12D(228)	22-17-2127	A-4455-BH12J(228)
	13	22-17-2134 A-4455-BH13D(228)		A-4455-BH 13 D(231)		A-4455-BH13D(228)	22-17-2137	A-4455-BH13J(228)
14	22-17-2144	A-4455-BH14D(228)	22-17-2140	A-4455-BH 14 D(231)	22-17-3146	A-4455-BH14D(228)	22-17-2147	A-4455-BH14J(228)
15	22-17-2154	A-4455-BH15D(228)		A-4455-BH 15 D(231)		A-4455-BH15D(228)	22-17-2157	A-4455-BH15J(228)
16	22-17-2164	A-4455-BH16D(228)		A-4455-BH 16 D(231)		A-4455-BH16D(228)	22-17-2167	A-4455-BH16J(228)
17	22-17-2174	A-4455-BH17D(228)		A-4455-BH 17 D(231)		A-4455-BH17D(228)	22-17-2177	A-4455-BH17J(228)
18	22-17-2184	A-4455-BH18D(228)		A-4455-BH 18 D(231)		A-4455-BH18D(228)	22-17-2187	A-4455-BH18J(228)
19	22-17-2194	A-4455-BH19D(228)		A-4455-BH 19 D(231)	22-17-3196	A-4455-BH19D(228)	22-17-2197	A-4455-BH19J(228)
20	22-17-2204	A-4455-BH20D(228)	22-17-2200	A-4455-BH 20 D(231)	22-17-3206	A-4455-BH20D(228)	22-17-2207	A-4455-BH20J(228)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		TITLE: KK 100 PCB ASSY 4455 SERIES DWG			SHEET No. - 9 -	
DOCUMENT NUMBER: SDA-4455		DOC TYPE: PSD	DOC PART: 002	CREATED / REVISED BY: JQUILES	CHECKED BY: MKIPPER	APPROVED BY: FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

	Assy Proc:	TOP ENTRY	Assy Proc:	TOP ENTRY	Assy Proc:	TOP ENTRY	Assy Proc:	TOP ENTRY
	Hooks Cut:	YES	Hooks Cut:	YES	Hooks Cut:	YES	Hooks Cut:	NO
	Housing No:	4455-NR	Housing No:	4455-N	Housing No:	4455-N	Housing No:	4455-BN
	Terminal No:	4316-4(208)	Terminal No:	4316-4(565)	Terminal No:	4316-4(P909)	Terminal No:	4316-4(P909)
	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	3.35 / .132
	Plating:	208	Plating:	565	Plating:	P909	Plating:	P909
	Packaging:	PK-44646-003	Packaging:	PK-44646-003	Packaging:	PK-44646-003	Packaging:	PK-44646-002
	Voids:	NO	Voids:	NO	Voids:	NO	Voids:	NO
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2		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)

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG				<u>SHEET No.</u> - 10 -	
<u>DOCUMENT NUMBER:</u> SDA-4455		<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES		<u>CHECKED BY:</u> MKIPPER		<u>APPROVED BY:</u> FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 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)	

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 11 -	
<u>DOCUMENT NUMBER:</u> SDA-4455	<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH		

TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Ckts	Assy Proc:	RIGHT ANGLE	Assy Proc:	BOTTOM ENTRY
	Hooks Cut:	NO	Hooks Cut:	NO
	Housing No:	4455-N	Housing No:	4455-N2
	Terminal No:	6516-5C(P909)	Terminal No:	6516-6C(P909)
	Dim C:	3.35±1.00/.132±.039	Dim C:	3.61±1.00/.142±.039
	Plating:	P909	Plating:	P909
	Packaging:	PK-44646-001	Packaging:	PK-44646-001
	Voids:	NO	Voids:	NO
	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)
	8	38-00-1338 A-4455-AZ08C(P909)	38-00-1398	A-4455-BH08F(P909)
	9	38-00-1339 A-4455-AZ09C(P909)	38-00-1399	A-4455-BH09F(P909)
	10	38-00-1340 A-4455-AZ10C(P909)	38-00-1400	A-4455-BH10F(P909)
	11	38-00-1341 A-4455-AZ11C(P909)	38-00-1401	A-4455-BH11F(P909)
	12	38-00-1342 A-4455-AZ12C(P909)	38-00-1402	A-4455-BH12F(P909)
	13	38-00-1343 A-4455-AZ13C(P909)	38-00-1403	A-4455-BH13F(P909)
	14	38-00-1344 A-4455-AZ14C(P909)	38-00-1404	A-4455-BH14F(P909)
	15	38-00-1345 A-4455-AZ15C(P909)	38-00-1405	A-4455-BH15F(P909)
	16	38-00-1346 A-4455-AZ16C(P909)	38-00-1406	A-4455-BH16F(P909)
	17	38-00-1347 A-4455-AZ17C(P909)	38-00-1407	A-4455-BH17F(P909)
	18	38-00-1348 A-4455-AZ18C(P909)	38-00-1408	A-4455-BH18F(P909)
	19	38-00-1349 A-4455-AZ19C(P909)	38-00-1409	A-4455-BH19F(P909)
	20	38-00-1350 A-4455-AZ20C(P909)	38-00-1410	A-4455-BH20F(P909)

REV: D14	ECM INFORMATION: <u>ECM No.:</u> 112179 <u>DATE:</u> 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 12 -
<u>DOCUMENT NUMBER:</u> SDA-4455		<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

Assy Proc:		RIGHT ANGLE	Assy Proc:		TOP ENTRY	Assy Proc:		TOP ENTRY
Hooks Cut:		NO	Hooks Cut:		NO	Hooks Cut:		YES
Housing No:		4455-BN	Housing No:		4455-N	Housing No:		4455-N-02
Terminal No:		4316-4(565)	Terminal No:		6516-5C(P909)	Terminal No:		4316-4(P909)
Dim C:		3.35 / .132	Dim C:		3.35±1.00/.132±.039	Dim C:		3.35 / .132
Plating:		565	Plating:		P909	Plating:		P909
Packaging:		PK-44646-002	Packaging:		PK-44646-001	Packaging:		PK-44646-003
Voids:		NO	Voids:		NO	Voids:		YES IN CKT 2
Ckts	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	22-16-3078	A-4455-AB 07 A(565)	38-00-1427	A-4455-CZ07C(P909)	50-29-0004	A-4455-CW07A(P909)-2		
8	22-16-3088	A-4455-AB 08 A(565)	38-00-1428	A-4455-CZ08C(P909)				
9	22-16-3098	A-4455-AB 09 A(565)	38-00-1429	A-4455-CZ09C(P909)				
10	22-16-3108	A-4455-AB 10 A(565)	38-00-1430	A-4455-CZ10C(P909)				
11	22-16-3118	A-4455-AB 11 A(565)	38-00-1431	A-4455-CZ11C(P909)				
12	22-16-3128	A-4455-AB 12 A(565)	38-00-1432	A-4455-CZ12C(P909)				
13	22-16-3138	A-4455-AB 13 A(565)	38-00-1433	A-4455-CZ13C(P909)				
14	22-16-3148	A-4455-AB 14 A(565)	38-00-1434	A-4455-CZ14C(P909)				
15	22-16-3158	A-4455-AB 15 A(565)	38-00-1435	A-4455-CZ15C(P909)				
16	22-16-3168	A-4455-AB 16 A(565)	38-00-1436	A-4455-CZ16C(P909)				
17	22-16-3178	A-4455-AB 17 A(565)	38-00-1437	A-4455-CZ17C(P909)				
18	22-16-3188	A-4455-AB 18 A(565)	38-00-1438	A-4455-CZ18C(P909)				
19	22-16-3198	A-4455-AB 19 A(565)	38-00-1439	A-4455-CZ19C(P909)				
20	22-16-3208	A-4455-AB 20 A(565)	38-00-1440	A-4455-CZ20C(P909)				

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 13 -
<u>DOCUMENT NUMBER:</u> SDA-4455		<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

	Assy Proc:	TOP ENTRY	Assy Proc:	TOP ENTRY	Assy Proc:	BOTTOM ENTRY	Assy Proc:	BOTTOM ENTRY
	Hooks Cut:	YES	Hooks Cut:	YES	Hooks Cut:	NO	Hooks Cut:	NO
	Housing No:	4455-N	Housing No:	4455-N	Housing No:	4455-N2	Housing No:	4455-N2
	Terminal No:	6516-4(P909)	Terminal No:	4316-4(P909)	Terminal No:	4316-3B(P909)	Terminal No:	4316-3B(208)
	Dim C:	3.35 / .132	Dim C:	3.35 / .132	Dim C:	.132 / 3.35	Dim C:	.132 / 3.35
	Plating:	P909	Plating:	P909	Plating:	P909	Plating:	208
	Packaging:	PK-44646-003	Packaging:	PK-44646-003	Packaging:	PK-44646-001	Packaging:	PK-44646-001
	Voids:	NO	Voids:	YES IN CKT 2	Voids:	YES IN CKT 10	Voids:	2,3,4,6,7,8,10,11,12
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2		A-4455-CY02B(P909)						
3		A-4455-CY 03B(P909)						
4		A-4455-CY 04B(P909)						
5	50-29-1553	A-4455-CY 05B(P909)						
6	50-29-1554	A-4455-CY 06B(P909)	22-15-5065	A-4455-CY06A(P909)-2				
7		A-4455-CY 07B(P909)						
8		A-4455-CY 08B(P909)						
9		A-4455-CY 09B(P909)						
10		A-4455-CY 10B(P909)						
11		A-4455-CY 11B(P909)			50-36-1881	A-4455-BH11D(P909)-10		
12		A-4455-CY 12B(P909)						
13		A-4455-CY 13B(P909)					26-01-3099	A-4455-BH13D(208)-51
14		A-4455-CY 14B(P909)						
15		A-4455-CY 15B(P909)						
16		A-4455-CY 16B(P909)						
17		A-4455-CY 17B(P909)						
18		A-4455-CY 18B(P909)						
19		A-4455-CY 19B(P909)						
20		A-4455-CY 20B(P909)						

REV: D14	ECM INFORMATION: ECM No.: 112179 DATE: 2017/01/24		<u>TITLE:</u> KK 100 PCB ASSY 4455 SERIES DWG			<u>SHEET No.</u> - 14 -
<u>DOCUMENT NUMBER:</u> SDA-4455		<u>DOC TYPE:</u> PSD	<u>DOC PART:</u> 002	<u>CREATED / REVISED BY:</u> JQUILES	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC



KK 100 PCB ASSY 2-20 CKT

4455 SERIES

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

REV:	ECM INFORMATION:		TITLE:	SHEET No.	
D14	ECM No.:	112179	KK 100 PCB ASSY 4455 SERIES DWG		- 15 -
	DATE:	2017/01/24			
DOCUMENT NUMBER:	DOC TYPE:	DOC PART:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA-4455	PSD	002	JQUILES	MKIPPER	FSMITH

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC