

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022022025](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® PC Board Connector, Top Entry, with Cat Ear Terminal, 2.54µm (100µ") Tin (Sn), 2 Circuits, With Hooks

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

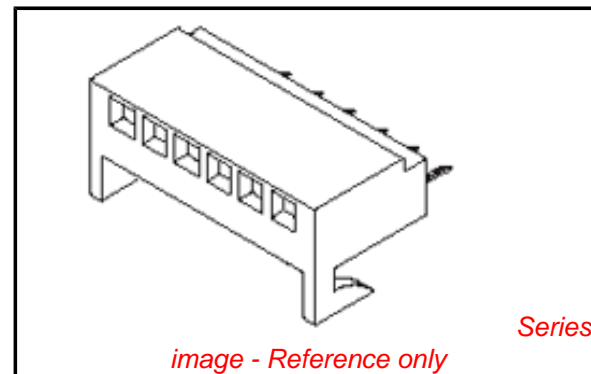
General

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

Physical

Circuits (Loaded) 2
 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 Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 1
 Orientation Vertical
 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) 100
 Plating min: Mating (µm) 2.50
 Plating min: Termination (µin) 100
 Plating min: Termination (µm) 2.50
 Polarized to PCB No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

**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.

China RoHS



Search Parts in this Series

[4455Series](#)

Mates With

[42153](#) KK® Wire-to-Board, [4094](#) KK® Wire-
 to-Board, [42376](#) KK® Header, [42375](#) KK®
 Header, [42377](#) KK® Header, [70021](#) SL™
 Crimp Terminal, [70475](#) SL™ Insulation
 Displacement Connector Assembly, [42152](#)
 KK® Wire-to-Board Header, Lin

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

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-CZ02A(P909)
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Reference - Drawing Numbers

Packaging Specification	PK-44646-001
Product Specification	PS-10-07

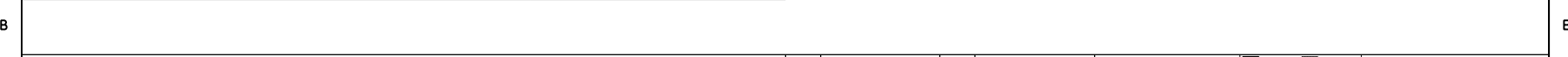
This document was generated on 05/27/2010

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ENG. NO.	HOUSING NO.	TERMINAL NO.	DIM. C	NO OF CKTS	PACKAGING	COMMENTS
A-4455 -CZNA(P913)	4455 -N	4316 -4(P913)	.132 (3.35)	2-25	TRAY PER PK-44646-001	TOP ENTRY
A-4455 -CZNA(565)	4455 -N	4316 -4(565)	.132 (3.35)	2-25	TRAY PER PK-44646-001	TOP ENTRY
A-4455 -CZNA(587)	4455 -N	4316 -4(587)	.132 (3.35)	2-25	TRAY PER PK-44646-001	TOP ENTRY



COLUMN NO. 1			COLUMN NO. 2			COLUMN NO. 3		
EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS
022-02-2025	-CZ02A(P913)	2	022-18-2023	-CZ02A(565)	2	022-18-2021	-CZ02A(587)	2
022-02-2035	-CZ03A(P913)	3	022-18-2033	-CZ03A(565)	3	022-18-2031	-CZ03A(587)	3
022-02-2045	-CZ04A(P913)	4	022-18-2043	-CZ04A(565)	4	022-18-2041	-CZ04A(587)	4
022-02-2055	-CZ05A(P913)	5	022-18-2053	-CZ05A(565)	5	022-18-2051	-CZ05A(587)	5
022-02-2065	-CZ06A(P913)	6	022-18-2063	-CZ06A(565)	6	022-18-2061	-CZ06A(587)	6
022-02-2075	-CZ07A(P913)	7	022-18-2073	-CZ07A(565)	7	022-18-2071	-CZ07A(587)	7
022-02-2085	-CZ08A(P913)	8	022-18-2083	-CZ08A(565)	8	022-18-2081	-CZ08A(587)	8
022-02-2095	-CZ09A(P913)	9	022-18-2093	-CZ09A(565)	9	022-18-2091	-CZ09A(587)	9
022-02-2105	-CZ10A(P913)	10	022-18-2103	-CZ10A(565)	10	022-18-2101	-CZ10A(587)	10
022-02-2115	-CZ11A(P913)	11	022-18-2113	-CZ11A(565)	11	022-18-2111	-CZ11A(587)	11
022-02-2125	-CZ12A(P913)	12	022-18-2123	-CZ12A(565)	12	022-18-2121	-CZ12A(587)	12
022-02-2135	-CZ13A(P913)	13	022-18-2133	-CZ13A(565)	13	022-18-2131	-CZ13A(587)	13
022-02-2145	-CZ14A(P913)	14	022-18-2143	-CZ14A(565)	14	022-18-2141	-CZ14A(587)	14
022-02-2155	-CZ15A(P913)	15	022-18-2153	-CZ15A(565)	15	022-18-2151	-CZ15A(587)	15
022-02-2165	-CZ16A(P913)	16	022-18-2163	-CZ16A(565)	16	022-18-2161	-CZ16A(587)	16
022-02-2175	-CZ17A(P913)	17	022-18-2173	-CZ17A(565)	17	022-18-2171	-CZ17A(587)	17
022-02-2185	-CZ18A(P913)	18	022-18-2183	-CZ18A(565)	18	022-18-2181	-CZ18A(587)	18
022-02-2195	-CZ19A(P913)	19	022-18-2193	-CZ19A(565)	19	022-18-2191	-CZ19A(587)	19
022-02-2205	-CZ20A(P913)	20	022-18-2203	-CZ20A(565)	20	022-18-2201	-CZ20A(587)	20
022-02-2215	-CZ21A(P913)	21	022-18-2213	-CZ21A(565)	21	022-18-2211	-CZ21A(587)	21
022-02-2225	-CZ22A(P913)	22	022-18-2223	-CZ22A(565)	22	022-18-2221	-CZ22A(587)	22
022-02-2235	-CZ23A(P913)	23	022-18-2233	-CZ23A(565)	23	022-18-2231	-CZ23A(587)	23
022-02-2245	-CZ24A(P913)	24	022-18-2243	-CZ24A(565)	24	022-18-2241	-CZ24A(587)	24
022-02-2255	-CZ25A(P913)	25	022-18-2253	-CZ25A(565)	25	022-18-2251	-CZ25A(587)	25



STANDARD PRODUCT
BRASS

SEE SHEET I	SEE SHEET I	DIMENSIONS SHOWN METRIC (INCH) UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° INCH METRIC 3 PLACE ± ± 2 PLACE ± ± 1 PLACE ± ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRW. BY: SAMIEC CHKD. BY: A. PATEL APP'D. BY: LENZ SCALE:	REVISIONS LTR. REVISIONS LTR.
SEE SHEET I	SEE SHEET I		
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TITLE: HOUSING ASSEMBLY .100 CENTERS PC TAIL MOLEX INCORPORATED SHEET NO. 3 DATE 9/30/94 L15LEJLL. 60532 U.S.A. PART NO. SEE CHART DRWG. NO. SDA-4455 FILE NAME: S4455X3 DIV. C SIZE C		REVISIONS LTR. REVISIONS LTR.	