

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

Drawing (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

MolexKits

Overview

Product Name

PCB Receptacles

4455

Board-to-Board

With Hooks

Yes

kk

KK®

Physical

Circuits (Loaded)

Color - Resin

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

2

Natural (White)

94V-0

No

No

None

No

Brass

Tin

Tin

Nylon

1

Vertical

0.132 In

3.35 mm

No

None

0.062 In

1.60 mm

Tray

0.100 In

2.54 mm

100

2.50

100

2.50

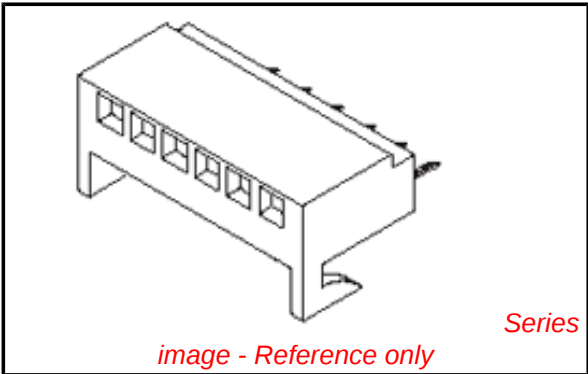
No

No

0°C to +75°C

Through Hole

Electrical



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

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, 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)
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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	I3	I2	I1	I0	9	8	7	6	4455	4	3	2	I		
J	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								
I															
H															
G															
F	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						
B															
A	STANDARD PRODUCT BRASS						SEE SHEET I	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .1/32"						
							SEE SHEET I	SEE SHEET I	INCH METRIC						
							SEE SHEET I	SEE SHEET I	3 PLACE ± 2 PLACE ± 1 PLACE ±						
							SEE SHEET I	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
							SEE SHEET I	CE	SEE SHEET I	DRW. BY: A. SAMIEC					
							SEE SHEET I	BY	SEE SHEET I	CHKD. BY: A. PATEL					
							LTR.	REVISIONS	LTR.	REVISIONS	APP'D BY: LENZ				
	I3	I2	I1	I0	9	8	7	6	5	4	3	2	I		