

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

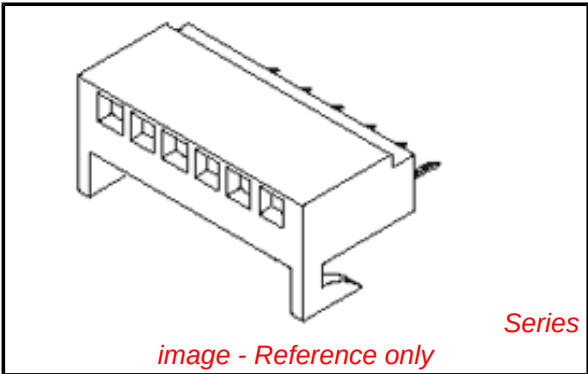
General

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

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
	ENG. NO.	HOUSING NO.	TERMINAL NO.	DIM. C	NO OF CKTS	PACKAGING	COMMENTS						
J	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						
	I3	I2	I1	I0	9	8	7	6	5	4	3	2	I

SEE SHEET I	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM	
SEE SHEET I	SEE SHEET I	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE HOUSING ASSEMBLY			
SEE SHEET I	SEE SHEET I	INCH METRIC		PART NO. MOLEX INCORPORATED			
SEE SHEET I	SEE SHEET I	3 PLACE ± 2 PLACE ± 1 PLACE ±		SHEET NO. 3		DATE 9/30/94	
SEE SHEET I	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX U.S.A.		DIV. SDA-4455	
SEE SHEET I	CE SEE SHEET I	DRW. BY A. SAMIEC		FILE NAME S4455X3		SIZE C	
SEE SHEET I	BY SEE SHEET I	CHKD. BY A. PATEL		SCALE 1		DIV. C	
LTR.	REVISIONS	LTR.	REVISIONS	APP'D. BY LENZ		SIZE C	