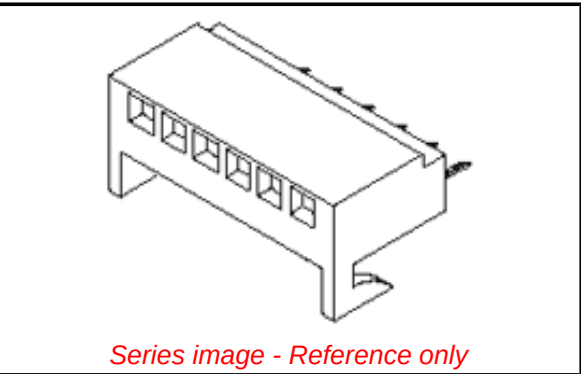


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Part Number: [0022182051](#)
Status: **Active**
Overview: [KK®](#)
Description: 2.54mm (.100") Pitch KK® PC Board Connector, Top Entry, with Cat Ear Terminal, 0.38µm (15µ") Gold (Au), 5 Circuits, With Hooks



Documents:

- | | |
|---|--|
| 3D Model | Product Specification PS-10-07 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Packaging Specification (PDF) | |

General

Product Family	PCB Receptacles
Series	4455
Application	Board-to-Board
Comments	With Hooks
Overview	KK®
Product Name	KK®

Physical

Circuits (Loaded)	5
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 - Plating Mating	Gold
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)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	2.5A
Grounding to PCB	No
UL	E29179
Voltage - Maximum	250V

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

Search Parts in this Series

[4455 Series](#)

Mates With

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

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-CZ05A(208)
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Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4455

This document was generated on 01/04/2010

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