

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0022182121](#)  
**Status:** **Active**  
**Overview:** [KK®](#)  
**Description:** 2.54mm (.100") Pitch KK® PC Board Connector, Top Entry, with Cat Ear Terminal, 0.38µm (15µ") Gold (Au), 12 Circuits, With Hooks

**Documents:**

[3D Model](#) [Packaging Specification \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

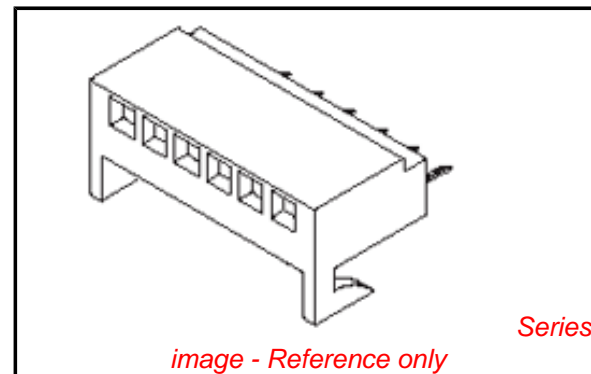
Product Family PCB Receptacles  
 Series [4455](#)  
 Application Board-to-Board  
 Comments With Hooks  
 Overview [KK®](#)  
 Product Name KK®

**Physical**

Circuits (Loaded) 12  
 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  
 Halogen-Free**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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 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-CZ12A(208)
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**Reference - Drawing Numbers**

Sales Drawing	SDA-4455
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