

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

**Part Number:** [22-17-2122](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 2.54mm Pitch KK® PC Board Connector, Bottom Entry, 0.50µm Gold (Au), 12 Circuits

**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, Signal  
 Overview [KK® Interconnection System](#)  
 Product Name KK®  
 UPC 800753737068

**Physical**

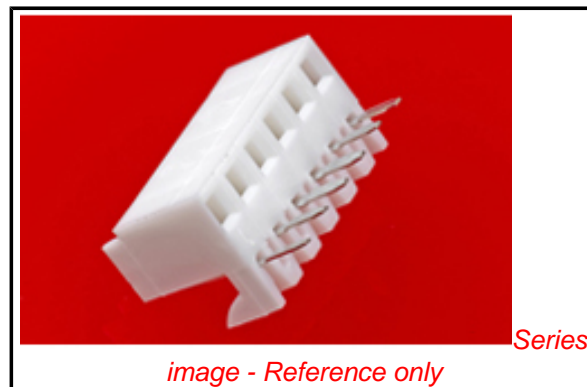
Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Natural (White)  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Material - Resin Nylon  
 Net Weight 1.433/g  
 Number of Rows 1  
 Orientation Bottom Entry  
 PC Tail Length 3.35mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 0.508µm  
 Plating min - Termination 0.051µm  
 Polarized to PCB No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5



*image - Reference only*

Series

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

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](#) , [42152](#) KK® Wire-to-Board Header, [4030](#) KK® Wire-to-Board Header, [4380](#) KK® Header

|   |                        |
|---|------------------------|
| 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-BH12D(565) |
|-----------------|-------------------|

**Reference - Drawing Numbers**

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

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