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**Part Number:** [22-14-2084](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 254 PC Board Connector, Bottom Entry, 2.54µm Tin \(Sn\), 8 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® Interconnect System - Molex](#)  
 Product Name [KK® 254](#)  
 UPC [800753590472](#)

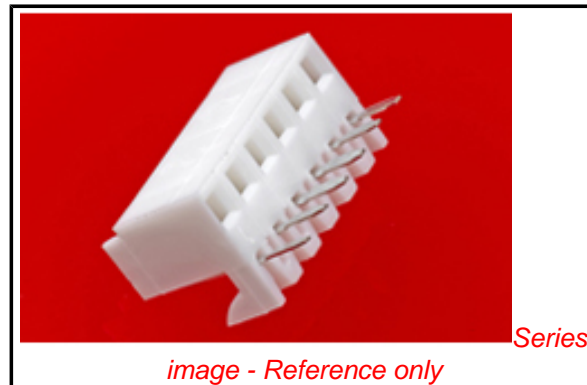
**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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  
 Net Weight 0.960/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 2.540µm  
 Plating min - Termination 2.540µm  
 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**



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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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](#)

|  |                        |
|--|------------------------|
| 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-BH08D(P909) |
|-----------------|--------------------|

**Reference - Drawing Numbers**

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

This document was generated on 03/27/2015

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