

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

**Part Number:** [0022022095](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK 254 PC Board Connector, Top Entry, 2.54µm Tin \(Sn\), 9 Circuits, with Hooks](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-44646-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-10-07-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

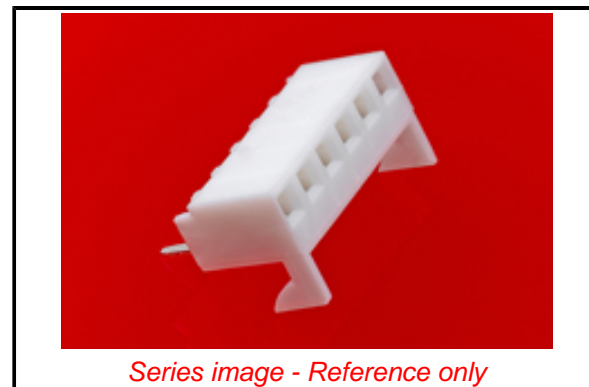
Product Family PCB Receptacles  
 Series [4455](#)  
 Application Board-to-Board, Signal  
 Comments With Hooks, With Hooks  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name KK 254  
 UPC 800753593572

**Physical**

Circuits (Loaded) 9  
 Circuits (maximum) 9  
 Color - Resin Natural (White)  
 Flammability 94V-0  
 Glow-Wire Capable 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 0.946/g  
 Number of Rows 1  
 Orientation Vertical  
 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 500V



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[4455 Series](#)

**Mates With**

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#)  
 , [171856](#) , [171857](#) <br>SL Insulation  
 Displacement Connector [70475](#)

**Solder Process Data**

|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-free Process Capability                   | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 235  |

**Material Info**

|                    |                    |
|--------------------|--------------------|
| Engineering Number | A-4455-CZ09A(P909) |
|--------------------|--------------------|

**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | PK-44646-001-001           |
| Product Specification   | PS-10-07-001               |
| Sales Drawing           | SDA-4455-001, SDA-4455-002 |

This document was generated on 10/09/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[22-02-2095](#)