

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

**Part Number:** [0022022025](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 254 PC Board Connector, Top Entry, 2.54µm Tin (Sn), 2 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 \(PDF\)](#)

**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 800754913744

**Physical**

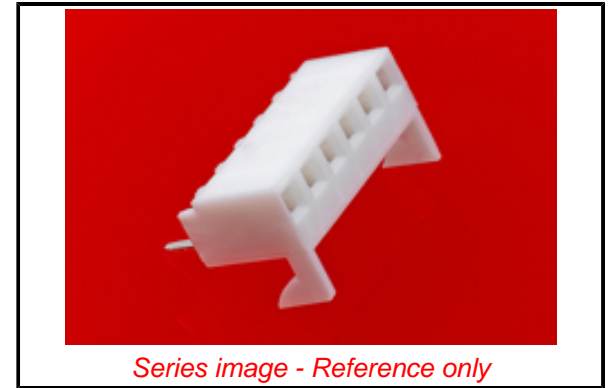
Circuits (Loaded) 2  
Circuits (maximum) 2  
Color - Resin Natural (White)  
Glow-Wire Capable No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part No  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 0.221/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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-freeProcess Capability WAVE  
Max. Cycles at Max. Process Temperature 001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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](#)

Process Temperature max. C

235

**Material Info**

Engineering Number

A-4455-CZ02A(P909)

**Reference - Drawing Numbers**

Packaging Specification

PK-44646-001-001

Product Specification

PS-10-07-001

Sales Drawing

SDA-4455

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