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**Part Number:** 0022022135  
**Status:** Active  
**Overview:** KK® Interconnect System - Molex  
**Description:** KK 254 PC Board Connector, Top Entry, 2.54µm Tin (Sn), 13 Circuits, with Hooks

**Documents:**  
[3D Model](#) [Product Specification PS-10-07-001 \(PDF\)](#)  
[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  
Comments With Hooks  
Overview KK® Interconnect System - Molex  
Product Name KK 254  
UPC 800754914437

Physical

Circuits (Loaded) 13  
Circuits (maximum) 13  
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 1.360/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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](#)

|                                                |                            |
|------------------------------------------------|----------------------------|
| Duration at Max. Process Temperature (seconds) | 005                        |
| Lead-freeProcess Capability                    | WAVE                       |
| Max. Cycles at Max. Process Temperature        | 001                        |
| Process Temperature max. C                     | 235                        |
| <b>Material Info</b>                           |                            |
| Engineering Number                             | A-4455-CZ13A(P909)         |
| <b>Reference - Drawing Numbers</b>             |                            |
| Product Specification                          | PS-10-07-001               |
| Sales Drawing                                  | SDA-4455-001, SDA-4455-002 |

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