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Part Number: [0038001399](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 9 Circuits](#)

Documents:

[3D Model](#) [Product Specification PS-99020-0088-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [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
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK 254
 UPC 800753585225

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 Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 1.097/g
 Number of Rows 1
 Orientation Bottom Entry
 PC Tail Length 3.60mm
 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 1.016µm
 Plating min - Termination 1.016µm
 Polarized to PCB 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

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

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](#) ,
[4030](#) , [171856](#) , [171857](#)

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

Material Info

| | |
|--------------------|--------------------|
| Engineering Number | A-4455-BH09F(P909) |
|--------------------|--------------------|

Reference - Drawing Numbers

| | |
|-------------------------|---------------------------------|
| Packaging Specification | PK-44646-001-001 |
| Product Specification | PS-10-07-001, PS-99020-0088-001 |
| Sales Drawing | SDA-4455-001, SDA-4455-002 |

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