

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022152066](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 PC Board Connector, Right Angle, End-to-End Stackable, 2.54µm Tin \(Sn\), 6 Circuits](#)

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
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 254
 UPC 800754931144

Physical

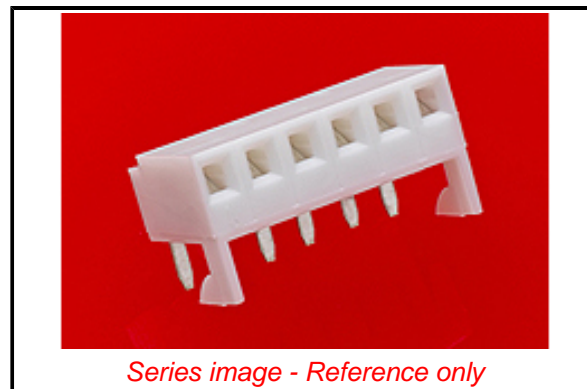
Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Natural (White)
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 0.635/g
 Number of Rows 1
 Orientation Right Angle
 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 Yes
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

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

| | |
|---|------|
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

Material Info

| | |
|--------------------|--------------------|
| Engineering Number | A-4455-AZ06A(P909) |
|--------------------|--------------------|

Reference - Drawing Numbers

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

This document was generated on 03/07/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[22-15-2066](#)