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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](#) [Product Specification PS-10-07-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [4455](#)
Application Board-to-Board, Signal
Comments With Hooks
MolexKits Yes
Overview [KK® Interconnect System - Molex](#)
Product Name [KK® 254](#)
UPC 800754913744

Physical

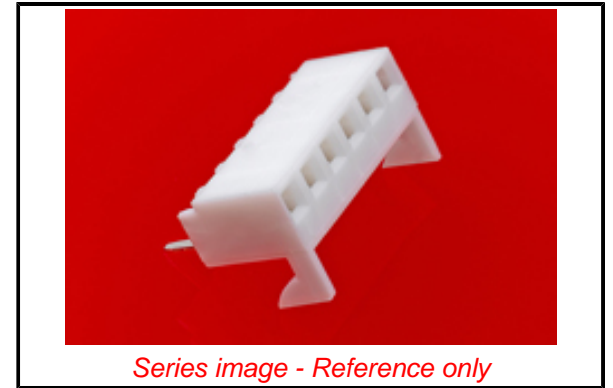
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural (White)
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part No
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.221/g
Number 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/30/2017 (7 July
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](#)
, [171856](#) , [171857](#)
SL™ Insulation
Displacement Connector [70475](#)

Process Temperature max. C

235

Material Info

Engineering Number

A-4455-CZ02A(P909)

Reference - Drawing Numbers

Product Specification

PS-10-07-001

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