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Part Number: 0022172042
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK® 254 PC Board Connector, Bottom Entry, 0.50µm Gold (Au), 4 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 800753589995

Physical

Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Natural (White), Red (Rust)
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part No
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin Nylon
Net Weight 0.487/g
Number of Rows 1
Orientation Bottom Entry
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 0.508µm
Plating min - Termination 0.051µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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 ,
4030 , 171856 , 171857

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-4455-BH04D(565)
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455, SDA-4455-002

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