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Part Number: 0022182253
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 25 Circuits, with Hooks

Documents:
[3D Model](#)
[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 800753735699

Physical
Circuits (Loaded) 25
Circuits (maximum) 25
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 Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin Nylon
Net Weight 2.627/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 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 250V



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/79/2015 (17
December 2015)
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

Search Parts in this Series
[4455](#) Series

Mates With
[42153](#) KK® Wire-to-Board Header, [4094](#) KK® Wire-to-Board Header, [42376](#) KK® Header, [42375](#) KK® Header, [42377](#) KK® Header, [70021](#) SL™ Crimp Terminal, [70475](#) SL™ Insulation Displacement Connector, [42152](#) KK® Wire-to-Board Hdr

Solder Process Data

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

Old Part Number	A-4455-CZ25A(565)
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Reference - Drawing Numbers

Sales Drawing	SDA-4455
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