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Part Number: 0022173142
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK® 254 PC Board Connector, Bottom Entry, 0.38µm Gold (Au) Selective, 14 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 800754204798

Physical
Circuits (Loaded) 14
Circuits (maximum) 14
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 - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 1.712/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 0.381µm
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 250V

Solder Process Data
Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability WAVE



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
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-BH14D(208)
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455, SDA-4455-002

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