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Part Number: 0022022205
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK 254 PC Board Connector, Top Entry, 2.54µm Tin (Sn), 20 Circuits, with Hooks

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-10-07-001 \(PDF\)](#)
[Packaging Specification PK-44646-001-001 \(PDF\)](#)
[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, With Hooks
Overview KK® Interconnect System - Molex
Product Name KK 254
UPC 800754914864

Physical
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Natural (White)
Flammability 94V-0
Glow-Wire Capable 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 2.084/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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

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

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

Engineering Number	A-4455-CZ20A(P909)
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Reference - Drawing Numbers

Packaging Specification	PK-44646-001-001
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455-001, SDA-4455-002

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