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Part Number:

0022182123

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 12 Circuits, with Hooks

Documents:

3D Model

3D Model (PDF)

Drawing (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

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800753736023

Physical

Circuits (Loaded)

12

Circuits (maximum)

12

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

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Material - Resin

Nylon

Net Weight

1.268/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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](#)

Voltage - Maximum	500V
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-CZ12A(565)
Reference - Drawing Numbers	
Packaging Specification	PK-44646-001-001
Sales Drawing	SDA-4455-001, SDA-4455-002

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