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Part Number:

0022027203

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 2.54µm Tin (Sn), 20 Circuits, without Hooks

Documents:

- 3D Model

Packaging Specification PK-44646-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-44646-003-001 (PDF)
- Product Specification PS-10-07-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

4455

Application

Board-to-Board, Signal

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800754389082

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

Compliant

China RoHS

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-CY20A(P909)
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Reference - Drawing Numbers

Packaging Specification	PK-44646-001-001, PK-44646-003-001
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455-001, SDA-4455-002

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