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Part Number:

0022182213

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 21 Circuits, with Hooks

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Receptacles

4455

Board-to-Board, Signal

With Hooks

KK® Interconnect System - Molex

KK® 254

800753735897

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

21

21

Natural (White)

94V-0

No

No

None

No

Phosphor Bronze

Gold

Gold

Nylon

2.209/g

1

Vertical

3.35mm

No

None

1.60mm

Tray

2.54mm

2.54mm

0.508µm

0.051µm

No

No

See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

2.5A

No

250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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
ELV

Green Image
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-CZ21A(565)
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Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4455

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