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Part Number:

0022142214

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Bottom Entry, 2.54µm Tin (Sn), 21 Circuits

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

Overview

Product Name

UPC

PCB Receptacles

4455

Board-to-Board, Signal

KK® Interconnect System - Molex

KK® 254

800754931212

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

Brass

Tin

Tin

Nylon

2.540/g

1

Bottom Entry

3.35mm

No

None

1.60mm

Tray

2.54mm

2.54mm

2.540µm

2.540µm

No

No

See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

2.5A

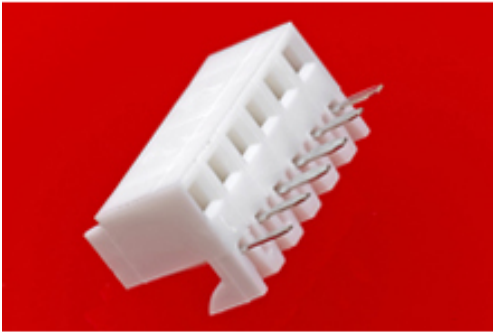
No

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014
December 17): No

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](#) , [42152](#)
KK® Wire-to-Board Header, [4030](#) KK®
Wire-to-Board Header, [4380](#) KK® Header

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Old Part Number		A-4455-BH21D(P909)
Reference - Drawing Numbers		
Product Specification		PS-10-07
Sales Drawing		SDA-4455

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