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Part Number:

0022142254

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Bottom Entry, 2.54µm Tin (Sn), 25 Circuits

Documents:

3D Model

Product Specification PS-10-07 (PDF)

Drawing (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

800754931236

Physical

Circuits (Loaded)

25

Circuits (maximum)

25

Color - Resin

Natural (White)

Flammability

94V-0

Glow-Wire Compliant

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

3.013/g

Number of Rows

1

Orientation

Bottom Entry

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

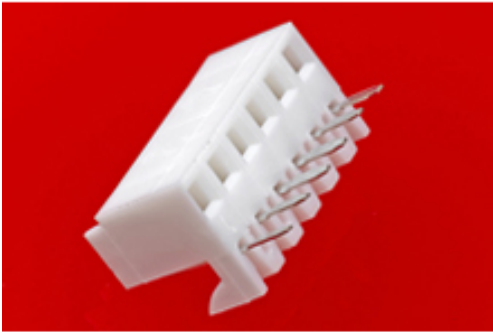
Voltage - Maximum

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

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](#) , [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-BH25D(P909)
Reference - Drawing Numbers		
Product Specification		PS-10-07
Sales Drawing		SDA-4455

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