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Part Number:

0448120010

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Receptacle, Top and Bottom Entry, Low Profile, 5.00µm Tin (Sn), 10 Circuits

Documents:

- 3D Model

Product Specification PS-44812-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

44812

Application

Board-to-Board, Power

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

756054462522

Physical

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

1.290/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

2.54mm

Plating min - Mating

5.080µm

Plating min - Termination

5.080µm

Polarized to PCB

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

5.0A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

005

Lead-freeProcess Capability

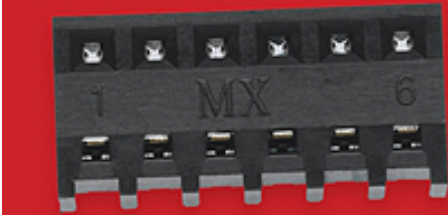
WAVE

Max. Cycles at Max. Process Temperature

001

Process Temperature max. C

250



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free
Status

Not 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

44812 Series

Mates With

42153 , 4094 , 42376 , 42375 , 42377 ,
42152 , 40 30

Material Info

Reference - Drawing Numbers

Product Specification	PS-44812-001
Sales Drawing	SD-44812-001

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