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Part Number:

44812-0043

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Receptacle, Top and Bottom Entry, Low Profile, 0.80µm Gold (Au), 5 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-44812-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Receptacles

44812

Board-to-Board, Power

KK® Interconnect System - Molex

KK® 254

756054462669

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

5

5

Black

25

94V-0

No

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

0.635/g

1

Vertical

No

None

1.60mm

Tray

2.54mm

0.762µm

2.540µm

No

Yes

See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

5A

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

5

Wave Capable (TH only)

1

250



image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

44812Series

Mates With

42153 , 4094 , 42376 , 42375 , 42377 , 42152 , 4030

Material Info

Reference - Drawing Numbers

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

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