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Part Number:

44812-0002

Status:

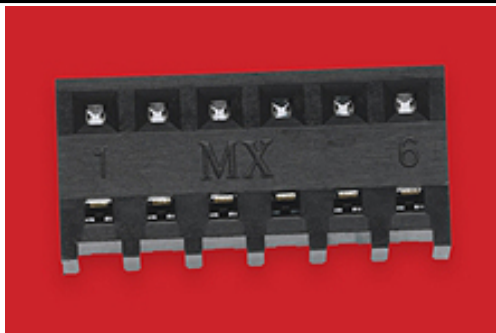
Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Receptacle, Top and Bottom Entry, Low Profile, 5.00µm Tin (Sn), 2 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-44812-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

44812

Application

Board-to-Board, Power

MolexKits

Yes

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

756054462249

Physical

Circuits (Loaded)

2

Circuits (maximum)

2

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

0.258/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

5A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

5

Lead-free Process Capability

Wave Capable (TH only)

Max. Cycles at Max. Process Temperature

1

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



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

Process Temperature max. C

250

Material Info

Reference - Drawing Numbers

Product Specification

PS-44812-001

Sales Drawing

SD-44812-001

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