

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0448120014

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Receptacle, Top and Bottom Entry, Low Profile, 5.00µm Tin (Sn), 14 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

756054462560

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

14

14

Black

25

94V-0

No

High Performance Alloy (HPA)

Tin

Tin

High Temperature Thermoplastic

1.806/g

1

Vertical

No

None

1.60mm

Tray

2.54mm

5.080µm

5.080µm

No

Yes

See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

5.0A

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

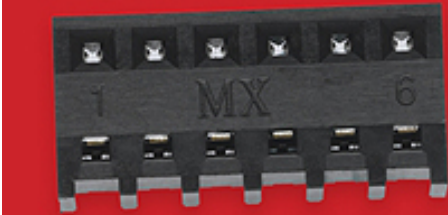
Process Temperature max. C

005

WAVE

001

250



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

This document was generated on 06/23/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION