

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0448120006](#)
Status: **Active**
Overview:
Description: KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 6 Circuits

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [44812](#)
 Application Board-to-Board, Power
 Overview [kk_interconnect_solutions](#)
 Product Name KK 254
 UPC 756054462287

Physical

Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.774/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 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability WAVE
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 250

Material Info

Reference - Drawing Numbers

Packaging Specification PK-44812-001-001
 Product Specification PS-44812-001-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)10043-DC (17
 Jan 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[44812](#) Series

Mates With

[42153](#) , [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[42152](#) , [40 30](#)

This document was generated on 02/24/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION