

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0038001394

Status:

Active

Overview:

[KK Interconnect Solutions](#)

Description:

KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 4 Circuits

Documents:

- [3D Model](#)
- [3D Model \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-10-07-001 \(PDF\)](#)
- [Product Specification PS-99020-0088-001 \(PDF\)](#)
- [Packaging Specification PK-44646-001-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

4455

Application

Board-to-Board, Signal

Overview

[KK Interconnect Solutions](#)

Product Name

KK 254

Taxonomy

PCB Headers and Receptacles

UPC

800753585195

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Natural (White)

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.495/g

Number of Rows

1

Orientation

Bottom Entry

PC Tail Length

3.60mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

1.016µm

Plating min - Termination

1.016µm

Polarized to PCB

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

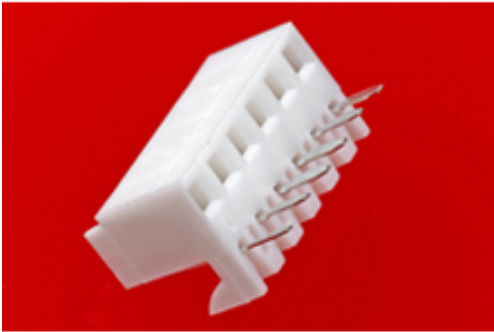
2.5A

Grounding to PCB

No

Voltage - Maximum

500V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[4455 Series](#)

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[4030](#) , [171856](#) , [171857](#)

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	235

Material Info

Engineering Number	A-4455-BH04F(P909)
--------------------	--------------------

Reference - Drawing Numbers

Packaging Specification	PK-44646-001-001
Product Specification	PS-10-07-001, PS-99020-0088-001
Sales Drawing	SDA-4455-001

This document was generated on 09/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION