

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022052051

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Single Row, Right Angle, 5 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07-001 (PDF)

Packaging Specification PK-4094-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

4094

Application

Board-to-Board, Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

800753755536

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Natural (White)

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Resin

Nylon

Net Weight

0.403/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.15mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

Yes

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

4.0A

Voltage - Maximum

250V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/21/2016 (20 June  
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

4094 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

|                                                |               |
|------------------------------------------------|---------------|
| Duration at Max. Process Temperature (seconds) | 005           |
| Lead-freeProcess Capability                    | WAVE          |
| Max. Cycles at Max. Process Temperature        | 001           |
| Process Temperature max. C                     | 235           |
| <b>Material Info</b>                           |               |
| Engineering Number                             | A-4094-05A197 |
| <b>Reference - Drawing Numbers</b>             |               |
| Packaging Specification                        | PK-4094-001   |
| Product Specification                          | PS-10-07-001  |
| Sales Drawing                                  | SDA-4094      |

This document was generated on 01/19/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**