

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022102041

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 254 Wire-to-Board Header, Single Row, Vertical, 4 Circuits, PA Polyamide Nylon, Gold (Au) Plating

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

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

Packaging Specification PK-4030-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

4030

Application

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

Overview

KK Interconnect Solutions

Product Name

KK 254

Taxonomy

PCB Headers and Receptacles

UPC

800753738898

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Natural (White)

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.266/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.43mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.508µm

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



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

4030 Series

Mates With

KK 254 Crimp Housing [2695](#) , [7880](#) . KK 254
Top-Entry PCB Receptacle [4455](#) . C-Grid
Shunt Terminal Housing [7859](#)

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V
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-4030-04A241
Reference - Drawing Numbers	
Packaging Specification	PK-4030-001-001
Product Specification	PS-10-07-001
Sales Drawing	SD-4030-0001-001

This document was generated on 09/28/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION