

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022288061

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 6 Circuits, Tin (Sn) Plating, Mating Pin Length 8.23mm

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[Product Specification PS-10-07-001 \(PDF\)](#)

[Packaging Specification PK-40873-0041-001 \(PDF\)](#)

[Symbol Footprint Data SYM-22-28-8061-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

11-20-1230

General

Product Family

PCB Headers

Series

42377

Application

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

Component Type

PCB Header

Overview

[KK Interconnect Systems](#)

Product Name

KK 254

Taxonomy

PCB Headers and Receptacles

UPC

800754389327

Physical

Breakaway

Yes

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.463/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.05mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

2.540µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

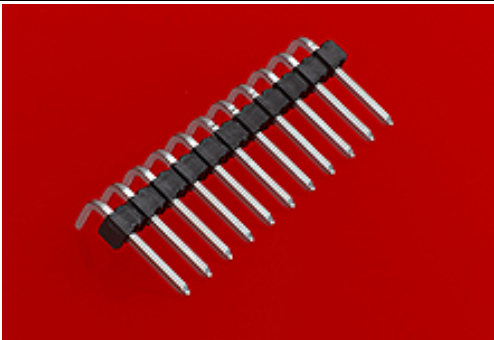
No

Shrouded

Partial

Stackable

No



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

Not 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

[42377 Series](#)

Mates With

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

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole
Electrical	
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	42377-0041
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42377-001-000, SD-42377-001-002
Symbol/Footprint Data	SYM-22-28-8061-001

This document was generated on 01/05/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION