

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022287180](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 Breakaway Header, Right-Angle, 18 Circuits, Tin (Sn) Plating, Mating Pin Length 9.17mm (.361"), with Kinked PC Tails

Documents:

[3D Model](#) [Packaging Specification PK-40873-0041-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-22-28-6183-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-10-07-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

Application Tooling Part Link 11-20-1230

General

Product Family PCB Headers
 Series [42376](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [KK Interconnect Solutions](#)
 Product Name KK 254
 UPC 800753806849

Physical

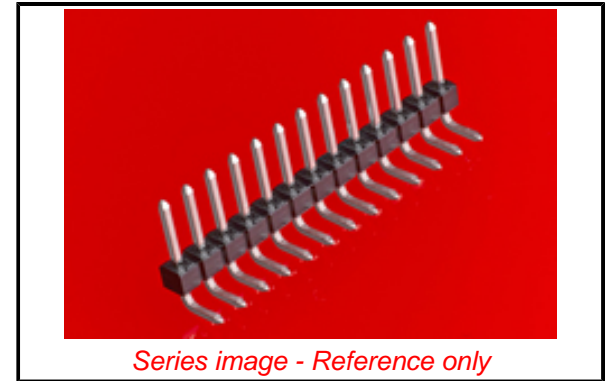
Breakaway Yes
 Circuits (Loaded) 18
 Circuits (maximum) 18
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Material - Plating Mating Tin
 Net Weight 1.350/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.43mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 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 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42376 Series](#)

Mates With

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK
 PC Board Connector [4455](#)

Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	42376-0228
--------------------	------------

Reference - Drawing Numbers

Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42376-001-001, SD-42376-001-002
Symbol/Footprint Data	SYM-22-28-6183-001

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[22-28-7180](#)