

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0022286095](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 254 Breakaway Header, Right-Angle, 9 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Mating Pin Length 10.29mm (.405")

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-40873-0041-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-40873-0043-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-22-28-6093-001 (PDF)</a>
<a href="#">Product Specification PS-10-07-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	11-20-1230
-------------------------------	------------

**General**

Product Family	PCB Headers
Series	<a href="#">42376</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK 254
UPC	800753800977

**Physical**

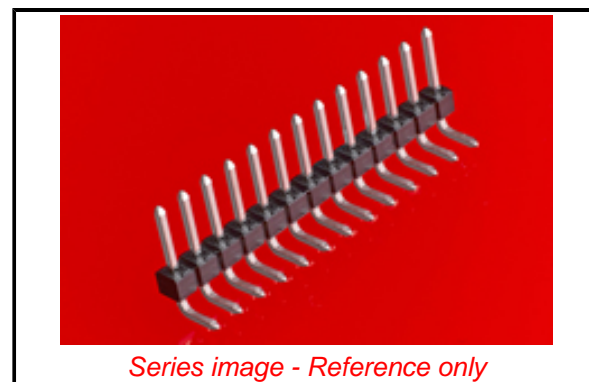
Breakaway	Yes
Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Material - Plating Mating	Gold
Net Weight	0.792/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
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
--	-----



*Series image - Reference only*

**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-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

**Material Info**

Engineering Number	42376-0184
--------------------	------------

**Reference - Drawing Numbers**

Packaging Specification	PK-40873-0041-001, PK-40873-0043-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42376-001-001, SD-42376-001-002
Symbol/Footprint Data	SYM-22-28-6093-001

This document was generated on 09/13/2021

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

# Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[22-28-6095](#)