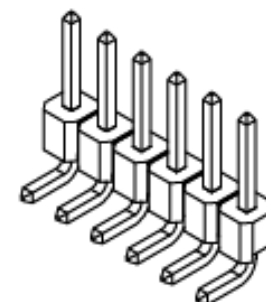


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0878970526](#)  
**Status:** **Active**  
**Overview:** [KK Interconnect Solutions](#)  
**Description:** KK 254 PCB Header, Right-Angle, Through Hole, Breakaway, 5 Circuits, 2.54µm Tin (Sn) Plating, without Cap, Tube Packaging, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-89990-516-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 879200000-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 879200001-TS-000 (PDF)</a>
<a href="#">Product Specification PS-87920-019-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



*Series image - Reference only*

**Agency Certification**

CSA	LR19880
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">87897</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">KK Interconnect Solutions</a>
Product Name	KK 254
UPC	822350583053

**Physical**

Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.369/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.29mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[87897](#) Series

**Mates With**

[4455](#) KK PCB Receptacles,

Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-89990-516-001  
Product Specification PS-87920-019-001  
Sales Drawing SD-87897-010-001  
Test Summary 879200000-TS-000, 879200001-TS-000

This document was generated on 09/27/2021

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