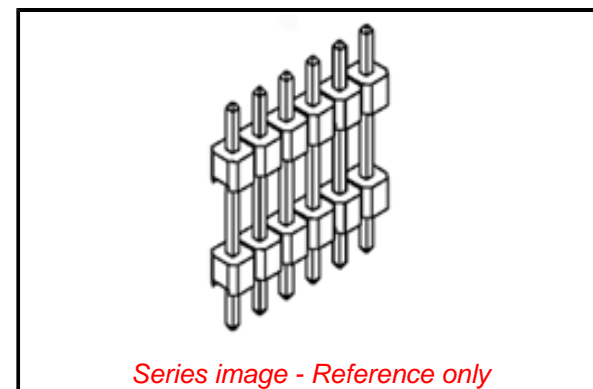


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0879370800](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 254 PCB Header, Single Row Dual Body, Through Hole, Vertical, 8 Circuits, 2.50µm Tin (Sn) Plating, 12.00mm Stacking Height, Tray Packaging, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-89990-489-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 879200000-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-87920-019-001 (PDF)</a>	



**Agency Certification**

CSA	LR19880
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">87937</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK 254
UPC	800756898636

**Physical**

Breakaway	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
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
Mated Height	9.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	0.841/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.270µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[87937](#) Series

**Mates With**

[4455](#) KK 254 PCB Receptacles,

Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
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-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87937-007-000
Test Summary	879200000-TS-000

This document was generated on 05/22/2020

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