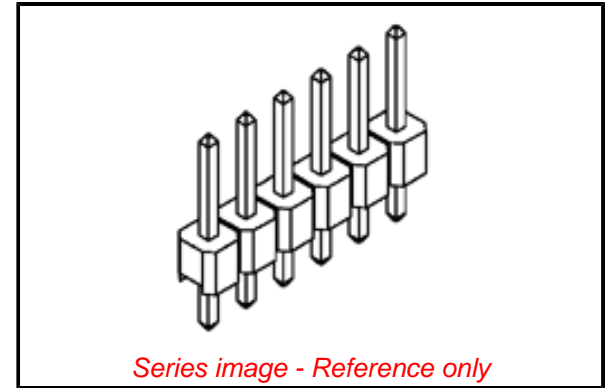


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Part Number: [0878910101](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 PCB Header, Through Hole, Vertical, 1 Circuit, Flash Gold (Au) Over 1.27µm Nickel Overall Plating, Tray Packaging, Lead-free

Documents:

3D Model	Packaging Specification PK-89990-489-001 (PDF)
3D Model (PDF)	Packaging Specification PK-89990-934-001 (PDF)
Drawing (PDF)	Test Summary 879200000-TS-000 (PDF)
Product Specification PS-87920-019-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	87891
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	884982606180

Physical

Breakaway	Yes
Circuits (Loaded)	1
Circuits (maximum)	1
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	5.84mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	54.051/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.97mm
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	2.540µm
Plating min - Termination	1.270µm
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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[87891](#) Series

Mates With

KK PCB Receptacles [4455](#), SL IDT Housings [70430](#), [7720](#), [70400](#), [90147](#), [90148](#) C-Grid PCB Receptacles

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	012
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-89990-489-001, PK-89990-934-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87891-001-000, SD-87891-013-001
Test Summary	879200000-TS-000

This document was generated on 07/15/2020

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