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Part Number: [0878910304](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 PCB Header, Through Hole, Breakaway, Vertical, 3 Circuits, 0.38µm Gold (Au) Selective Plating, Tray Packaging, Lead-Free

Documents:

Drawing (PDF)	Packaging Specification PK-89990-934-001 (PDF)
Product Specification PS-87920-019-001 (PDF)	Test Summary 879200000-TS-000 (PDF)
Packaging Specification PK-89990-487-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-89990-489-001 (PDF)	

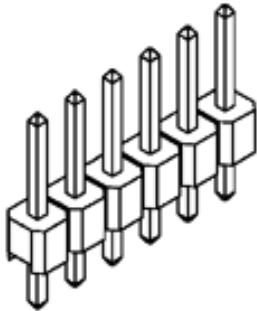
General

Product Family	PCB Headers
Series	87891
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.0
Overview	KK® Interconnect System - Molex
PITCH-MATING-NUMERIC	2.54
Product Name	KK 254
UPC	800756741215

Physical

Breakaway	Yes
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
First Mate / Last Break	No
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	Tin
Material - Resin	Nylon
Net Weight	0.161/g
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	0.381µm
Plating min - Termination	1.905µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[87891](#) Series

Mates With

[4455](#) KK 254 PCB Receptacles,

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

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-487-001, PK-89990-489-001, PK-89990-934-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87891-001-000
Test Summary	879200000-TS-000

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