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Part Number: [0879370406](#)

Status: **Active**

Overview:

Description: 2.54mm (.100") Pitch KK® Header, Single Row Dual Body, Through Hole, Vertical, 4 Circuits, 2.50µm (100µ") Tin (Sn) Plating, 11.00mm (.433") Stacking Height, Tray Packaging, Lead-free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-87920-019 \(PDF\)](#)

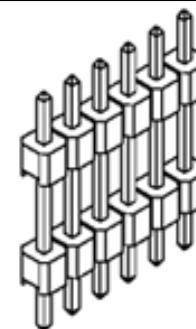
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	87937
Application	Board-to-Board
Application	Wire-to-Board
Overview	KK®
Product Name	Dual Body
Product Name	KK®

Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height (in)	0.149 In
Mated Height (mm)	3.78 mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.148 In
PC Tail Length (mm)	3.76 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.25
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87937 Series](#)

Mates With

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

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	14
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Product Specification	PS-87920-019
Sales Drawing	SD-87937-002

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