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**Part Number:** [87937-0502](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 2.54mm Pitch KK® Header, Single Row Dual Body, Through Hole, Vertical, 5 Circuits, 2.50µm Tin (Sn) Plating, 11.00mm Stacking Height, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87920-019 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

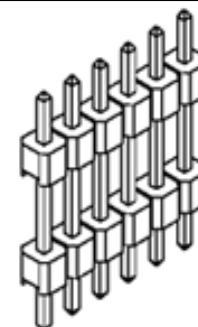
UL E29179

**General**

Product Family PCB Headers  
 Series [87937](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [KK® Interconnection System](#)  
 Product Name Dual Body, KK®  
 UPC 822350104937

**Physical**

Breakaway Yes  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 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 3.78mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Tin  
 Material - Plating Termination Nickel  
 Material - Resin Nylon  
 Net Weight 0.364/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.76mm  
 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  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +105°C  
 Termination Interface: Style Through Hole



Series

image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[87937Series](#)

**Mates With**

[4455 KK® PCB Receptacles](#),

**Electrical**

Current - Maximum per Contact	3A
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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