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**Part Number:** [89400-0520](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Wire-to-Board Header, Vertical, 5 Circuits, with Kinked PC Tail, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87369-0002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

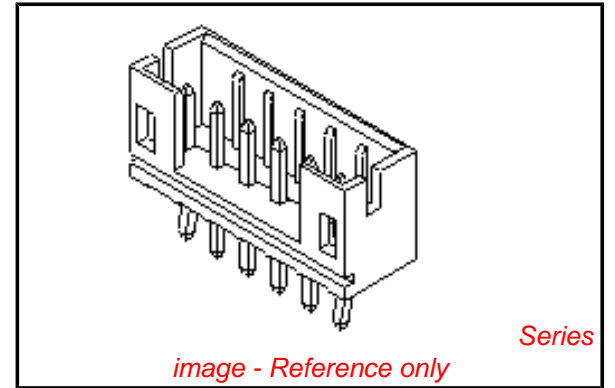
Product Family PCB Headers  
 Series [89400](#)  
 Application Signal, Wire-to-Board  
 Product Name N/A  
 UPC 800754257930

**Physical**

Breakaway No  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 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 Yes  
 Mated Height 7.30mm  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 0.433/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.40mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.20mm  
 Packaging Type Bag  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 1.270µm  
 Plating min - Termination 1.270µm  
 Polarized to PCB No  
 Shrouded Partial  
 Stackable No  
 Temperature Range - Operating -25°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 4A  
 Voltage - Maximum 250V



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**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**

[89400Series](#)

**Mates With**

[87369 Crimp Housing](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-87369-0002, RPS-87369-001

SD-89400-\*\*\*2\*

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