

## Part Number: 49388-0312

Image not available

Status: Active - Custom  
Series: 49388  
Category: PCB Headers

CHECK DISTRIBUTOR INVENTORY

Add to My Parts  
Email this page

Go to Part Detail ▾

Series image - Reference only

Mates With Part(s):  
49389-039\* Wire-to-Board Female Housing

## Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

## Specifications &amp; Other Documents:

Note - Please disable browser pop-up blockers to view documents on www.molex.com

## Product Environmental Compliance

Questions on Product Environmental Compliance? Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

EU ELV: Not Relevant

EU RoHS: Compliant

China RoHS: 

REACH SVHC: No -ED/39/2015 (15 June 2015)

Low-Halogen Status: Not Low-Halogen

 RoHS Certificate of Compliance (PDF) Multiple Part Product Compliance Form

## Part Detail

COLLAPSE ALL

## ▼ General

|              |                      |
|--------------|----------------------|
| Status       | Active - Custom      |
| Category     | PCB Headers          |
| Series       | 49388                |
| Application  | Power, Wire-to-Board |
| Product Name | N/A                  |
| UPC          | 800756773322         |

## ▼ Physical

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 3               |
| Circuits (maximum)             | 3               |
| Color - Resin                  | Red             |
| 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             |
| Material - Metal               | Brass           |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester Alloy |
| Net Weight                     | 3.550/g         |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| PC Tail Length                 | 3.10mm          |
| PCB Locator                    | Yes             |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.70mm          |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface       | 5.50mm          |
| Pitch - Termination Interface  | 5.50mm          |
| Plating min - Mating           | 1.016μm         |
| Plating min - Termination      | 1.016μm         |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | Yes             |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | N/A             |
| Termination Interface: Style   | Through Hole    |

## ▼ Electrical

|   |                    |
|---|--------------------|
| (Please review the Product Specification for specific details.) |                    |
| Current - Maximum per Contact                                   | 12.0A, 15.0A, 7.0A |
| Voltage - Maximum   | 250V AC (RMS)/DC   |

## ▼ Agency Certification

|   |        |
|---|--------|
| Please find UL Certificates by searching the UL Database using the Molex Series Number. <a href="#">Click here to visit the UL Database</a> |        |
| UL  | E29179 |

## ▼ Material Info

|                             |              |
|-----------------------------|--------------|
| Reference - Drawing Numbers |              |
| Packaging Specification     | PK-49388-001 |
| Product Specification       | PS-49388-001 |
| Sales Drawing               | SD-49388-001 |