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**Part Number:** [53253-0370](#)  
**Status:** **Active**  
**Overview:** [Micro-Latch™](#)  
**Description:** 2.00mm Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-Free, 3 Circuits

**Documents:**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-51065-016 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                              |
|----------------|------------------------------|
| Product Family | PCB Headers                  |
| Series         | <a href="#">53253</a>        |
| Application    | Signal, Wire-to-Board        |
| MolexKits      | Yes                          |
| Overview       | <a href="#">Micro-Latch™</a> |
| Product Name   | Micro-Latch™                 |

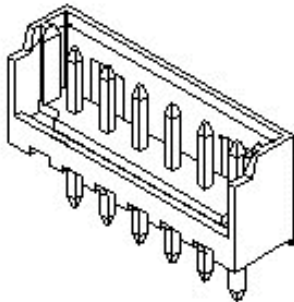
**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 3               |
| Durability (mating cycles max) | 30              |
| First Mate / Last Break        | No              |
| Flammability                   | 94V-0           |
| Glow-Wire Compliant            | No              |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Brass           |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| PC Tail Length                 | 3.50mm          |
| PCB Locator                    | No              |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.60mm          |
| Packaging Type                 | Tray            |
| Pitch - Mating Interface       | 2.00mm          |
| Plating min - Mating           | 1.016µm         |
| Plating min - Termination      | 1.016µm         |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | No              |
| Shrouded                       | Partial         |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2A   |
| Voltage - Maximum             | 125V |

**Material Info**



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not 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**  
[53253Series](#)

**Mates With**  
51065 Crimp Housing, [50212](#) Crimp Terminal

**Reference - Drawing Numbers**

Product Specification

PS-51065-016, RPS-51065-001, RPS-51065-006,  
RPS-51065-007, RPS-51065-013, RPS-51065-015,  
RPS-51065-023, RPS-51065-026, RPS-51065-027,  
RPS-51065-028, RPS-51065-030, RPS-51065-031,  
RPS-51065-032  
SD-51065-006, SD-53253-001

Sales Drawing

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