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**Part Number:** [0532540470](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Micro-Latch Wire-to-Board Header, Right-Angle, Square Pin, Three-sided Shroud, 4 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-51065-016-001 \(PDF\)](#)

**General**

|                             |                       |
|-----------------------------|-----------------------|
| Product Family              | PCB Headers           |
| Series                      | <a href="#">53254</a> |
| Application                 | Signal, Wire-to-Board |
| Product Literature Order No | 987651-8983           |
| Product Name                | Micro-Latch           |
| UPC                         | 756054354162          |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 4              |
| Circuits (maximum)             | 4              |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Glow-Wire Capable              | No             |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Nylon          |
| Net Weight                     | 232.000/mg     |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| 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° to +105°C |
| Termination Interface: Style   | Through Hole   |

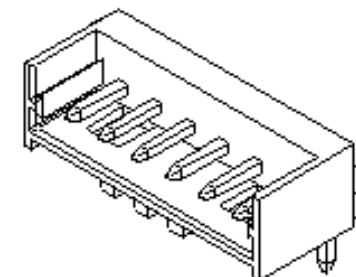
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 125V |

**Material Info**

**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-51065-016-001           |
| Sales Drawing         | SD-51065-006, SD-53254-001 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| Prop65          | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[53254 Series](#)

**Mates With**

[51065 Crimp Housing](#), [50212 Crimp Terminal](#)

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