

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0353620650](#)  
**Status:** **Active**  
**Overview:** [Sherlock Wire-to-Board Connector System](#)  
**Description:** 2.00mm Pitch Sherlock Wire-to-Board Header, Vertical, with Positive Lock, 6 Circuits, with Kinked PC Tails, Natural

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-35507-003-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-35362-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**Agency Certification**

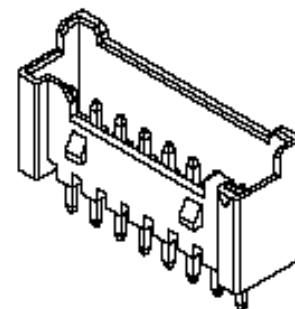
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">35362</a>                                   |
| Application    | Signal, Wire-to-Board                                   |
| Overview       | <a href="#">Sherlock Wire-to-Board Connector System</a> |
| Product Name   | Sherlock  |
| UPC            | 822348259564  |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 6              |
| Circuits (maximum)             | 6              |
| Color - Resin                  | Natural        |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Mated Height                   | 8.50mm         |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Nylon          |
| Net Weight                     | 0.386/g        |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 3.30mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Bag            |
| Pitch - Mating Interface       | 2.00mm         |
| Pitch - Termination Interface  | 2.00mm         |
| 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   |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[35362](#) Series

**Mates With**

[35507](#) Sherlock Wire-to-Board Housing

**Use With**

[502128000](#) Terminal

**Electrical**

Current - Maximum per Contact

2.0A

Voltage - Maximum

125V

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-35362-001-001

Product Specification

PS-35507-003-001

Sales Drawing

SD-35362-002-001, SD-35362-002-002

This document was generated on 07/28/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**