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**Part Number:** [35362-0850](#)  
**Status:** **Active**  
**Overview:** [Sherlock™ Connector System](#)  
**Description:** 2.00mm Pitch Sherlock™ Wire-to-Board Header, Vertical, with Positive Lock, 8 Circuits, with Kinked PC Tails, Natural

**Documents:**

[3D Model](#) [Packaging Specification PK-35362-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-35362-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [35362](#)  
 Application Signal, Wire-to-Board  
 MolexKits Yes  
 Overview [Sherlock™ Connector System](#)  
 Product Name Sherlock™

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 8.50mm  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.30mm  
 PCB Locator No  
 PCB Retention Yes  
 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°C to +105°C  
 Termination Interface: Style Through Hole



**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**

[35362Series](#)

**Mates With**

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

**Use With**

[502128000 Terminal](#)

**Electrical**

Current - Maximum per Contact

2A

Voltage - Maximum

125V

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

Packaging Specification

PK-35362-001, PK-35362-002

Product Specification

RPS-35507-005, RPS-35507-007, RPS-35507-009

Sales Drawing

SD-35362-002, SD-35362-003

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