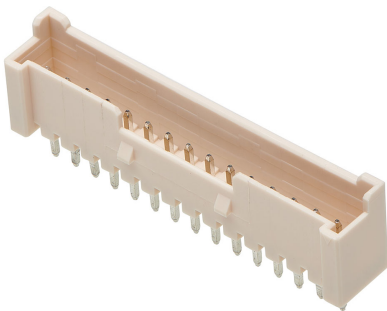




**Part Number :** [353621250](#)  
**Product Description :** 2.00mm Pitch Sherlock Wire-to-Board Header, Vertical, with Positive Lock, 12 Circuits, with Kinked PC Tails, Natural  
**Series Number :** 35362  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 353621250\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 353621250\\_stp.zip](#)


### Specifications

[Packaging Specification PK-35362-001-001.pdf](#)

[Product Specification PS-35507-003-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2022)9120-DC (17 Jan 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	35362
Description	2.00mm Pitch Sherlock Wire-to-Board Header, Vertical, with Positive Lock, 12 Circuits, with Kinked PC Tails, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Sherlock Wire-to-Board Connector System
Product Name	Sherlock
UPC	822348259922

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	685.200/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Sherlock Receptacle Housings	<u>35507</u>

### Use with Part(s)

Description	Part Number
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2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 24- 30 AWG, Reel	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/502128000.html">/content/molex/molex-dot-com/us/en/products/product-page.html/502128000.html</a>
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This document was generated on Sep 26, 2023