



**Part Number :** [395133502](#)  
**Product Description :** 3.81mm Pitch Eurostyle  
Vertical Plug, Front Wire Entry, Gold (Au) Plated, Black,  
2 Circuits  
**Series Number :** 39513  
**Status :** Active  
**Product Category :** Terminal Blocks and Barrier  
Strip



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## Documents and Resources

**Drawings**  
[395133502 sd.pdf](#)  
[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

**Specifications**  
[PS-39500-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                               |
|--------------------|-----------------------------------------------|
| GADSL/IMDS         | Not Relevant                                  |
| China RoHS         | Not Relevant                                  |
| EU ELV             | Not Relevant                                  |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21               |
| REACH SVHC         | Not Reviewed per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS            | Not Reviewed per EU 2015/863                  |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

[Industry Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|                |                                                                                             |
|----------------|---------------------------------------------------------------------------------------------|
| Status         | Active                                                                                      |
| Category       | Terminal Blocks and Barrier Strip                                                           |
| Series         | 39513                                                                                       |
| Description    | 3.81mm Pitch Eurostyle Vertical Plug, Front Wire Entry, Gold (Au) Plated, Black, 2 Circuits |
| Application    | Wire-to-Board                                                                               |
| Comments       | Front Wire Entry                                                                            |
| Component Type | Plug                                                                                        |
| Product Name   | Eurostyle Pluggable                                                                         |
| Type           | PCB Terminal Blocks and Connectors                                                          |
| UPC            | 822350470742                                                                                |

### Agency

|    |        |
|----|--------|
| UL | E48521 |
|----|--------|

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 8.0A |
| Voltage - Maximum             | 300V |

### Physical

|                   |       |
|-------------------|-------|
| Circuits (Loaded) | 2     |
| Color - Resin     | Black |

|                               |                                |
|-------------------------------|--------------------------------|
| Entry Angle                   | Horizontal                     |
| Lock to Mating Part           | None                           |
| Number of Rows                | 1                              |
| Orientation                   | N/A                            |
| Panel Mount                   | No                             |
| PCB Retention                 | N/A                            |
| Pitch - Mating Interface      | 3.81mm                         |
| Pitch - Termination Interface | 3.81mm                         |
| Polarized to Mating Part      | Yes                            |
| Stackable                     | No                             |
| Temperature Range - Operating | -40° to +105°C                 |
| Wire Size (AWG)               | 16, 18, 20, 22, 24, 26, 28, 30 |
| Wire Size mm <sup>2</sup>     | 0.05-1.31                      |

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## Mates With / Use With

### Mates with Part(s)

| Description                                   | Part Number                                     |
|-----------------------------------------------|-------------------------------------------------|
| 3.81mm Pitch Eurostyle Vertical PCB Headers   | <a href="#"><u>39511</u></a>                    |
| 3.81mm Pitch Eurostyle Horizontal PCB Headers | <a href="#"><u>39512</u></a>                    |
| Mates With                                    | Most 3.81mm Pitch Industry Standard PCB Headers |