



**Part Number :** [395000012](#)

**Series Number :** 39500

**Product Category :** Terminal Blocks and Barrier Strip

**Product Description :** 3.50mm Pitch Eurostyle Horizontal Plug, 12 Circuits

**Status :** Active

Documents & Resources

- Drawings**  
[Drawing 395000012\\_sd.pdf](#)
- 3D Models and Design Files**  
[3D Model 395000012\\_stp.zip](#)
- Specifications**  
[Product Specification PS-39500-001-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Contains Lead per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant with Exemption 6(c) 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)

## Part Details

### General

|                |                                                     |
|----------------|-----------------------------------------------------|
| Status         | Active                                              |
| Category       | Terminal Blocks and Barrier Strip                   |
| Series         | 39500                                               |
| Description    | 3.50mm Pitch Eurostyle Horizontal Plug, 12 Circuits |
| Application    | Wire-to-Board                                       |
| Component Type | Plug                                                |
| Product Family | Terminal Blocks & Barrier Strips                    |
| Product Name   | Eurostyle Pluggable                                 |
| Type           | PCB Terminal Blocks and Connectors                  |
| UPC            | 822350424394                                        |

### Agency

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

### Electrical

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

### Physical

|                     |          |
|---------------------|----------|
| Circuits (Loaded)   | 12       |
| Circuits (maximum)  | 12       |
| Color - Resin       | Black    |
| Entry Angle         | Vertical |
| Lock to Mating Part | None     |
| Net Weight          | 9.400/g  |
| Number of Rows      | 1        |
| Orientation         | N/A      |
| Panel Mount         | No       |
| PCB Retention       | N/A      |

|                               |                        |
|-------------------------------|------------------------|
| Pitch - Mating Interface      | 3.50mm                 |
| Pitch - Termination Interface | 3.50mm                 |
| Polarized to Mating Part      | Yes                    |
| Stackable                     | No                     |
| Temperature Range - Operating | -40° to +105°C         |
| Wire Size (AWG)               | 16, 18, 20, 22, 24, 30 |
| Wire Size mm <sup>2</sup>     | 0.05-1.50              |

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## Mates With / Use With

### Mates with Part(s)

|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| Description                                   | Part Number                                     |
| 3.50mm Pitch Eurostyle Vertical PCB Headers   | <u>39501</u>                                    |
| 3.50mm Pitch Eurostyle Horizontal PCB Headers | <u>39502</u>                                    |
| Mates With                                    | Most 3.50mm Pitch Industry Standard PCB Headers |