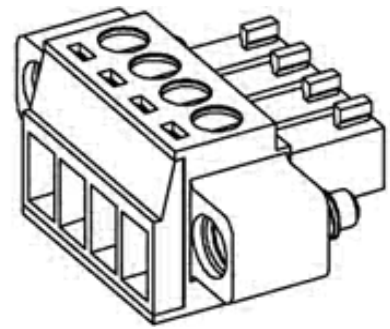




**Part Number :** [395040607](#)

**Product Description :** 3.50mm Pitch Eurostyle  
Horizontal Plug, with Retention Screws and Standard  
Imprinting, Gold (Au) Plated, Black, 7 Circuits

**Series Number :** 39504

**Status :** Active

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

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## Documents and Resources

### Drawings

[395040607\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| 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                                                                               |

### 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         | 39504                                                                                                                               |
| Description    | 3.50mm Pitch Eurostyle<br>Horizontal Plug, with Retention<br>Screws and Standard Imprinting,<br>Gold (Au) Plated, Black, 7 Circuits |
| Application    | Wire-to-Board                                                                                                                       |
| Comments       | with Standard Imprinting                                                                                                            |
| Component Type | Plug                                                                                                                                |
| Product Name   | Eurostyle Pluggable                                                                                                                 |
| Type           | PCB Terminal Blocks and<br>Connectors                                                                                               |
| UPC            | 822350442046                                                                                                                        |

## Agency

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

## Electrical

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

## Physical

|                   |   |
|-------------------|---|
| Circuits (Loaded) | 7 |
|-------------------|---|

|                               |                                |
|-------------------------------|--------------------------------|
| Color - Resin                 | Black                          |
| Entry Angle                   | Vertical                       |
| Lock to Mating Part           | Yes                            |
| 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, 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                                     |
|-----------------------------------------------|-------------------------------------------------|
| 3.50mm Pitch Eurostyle Vertical PCB Headers   | <u><a href="#">39505</a></u>                    |
| 3.50mm Pitch Eurostyle Horizontal PCB Headers | <u><a href="#">39506</a></u>                    |
| Mates With                                    | Most 3.50mm Pitch Industry Standard PCB Headers |

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