



Part Number : 395430005

Series Number : 39543

Product Category : Terminal Blocks and Barrier Strip

Product Description : 5.00mm Pitch Eurostyle Vertical Fixed Mount PCB Terminal Block, with Screw Pressure Clamp, 5 Circuits

Status : Active

Documents & Resources

Drawings

[Drawing 395430005\\_sd.pdf](#)

3D Models and Design Files

[3D Model 395430005\\_stp.zip](#)

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(2023)3788-DC (14 Jun 2023)                                        |
| 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)

EU RoHS Certificate of Compliance

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## Part Details

### General

|                |                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                |
| Category       | Terminal Blocks and Barrier Strip                                                                     |
| Series         | 39543                                                                                                 |
| Description    | 5.00mm Pitch Eurostyle Vertical Fixed Mount PCB Terminal Block, with Screw Pressure Clamp, 5 Circuits |
| Application    | Wire-to-Board                                                                                         |
| Component Type | One Piece                                                                                             |
| Product Family | Terminal Blocks & Barrier Strips                                                                      |
| Product Name   | Eurostyle Fixed Mount                                                                                 |
| Type           | PCB Terminal Blocks and Connectors                                                                    |
| UPC            | 822350536059                                                                                          |

### Agency

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

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 10.0A |
| Voltage - Maximum             | 300V  |

### Physical

|                               |            |
|-------------------------------|------------|
| Circuits (Loaded)             | 5          |
| Entry Angle                   | Horizontal |
| Lock to Mating Part           | None       |
| Number of Rows                | 1          |
| Orientation                   | Vertical   |
| Panel Mount                   | No         |
| PC Tail Length                | 3.60mm     |
| PCB Thickness - Recommended   | 2.50mm     |
| Pitch - Mating Interface      | 5.00mm     |
| Pitch - Termination Interface | 5.00mm     |
| Polarized to Mating Part      | N/A        |

|                               |                        |
|-------------------------------|------------------------|
| Stackable                     | No                     |
| Temperature Range - Operating | -40° to +105°C         |
| Wire Size (AWG)               | 14, 16, 18, 20, 22, 24 |
| Wire Size mm <sup>2</sup>     | 0.20-2.08              |

Solder Process Data

|                              |      |
|------------------------------|------|
| Max-Duration                 | 5    |
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 135  |
| Max-Temp                     | 260  |