

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0395945016](#)  
**Status:** **Active**  
**Overview:** [Eurostyle Terminal Blocks](#)  
**Description:** 5.08mm Pitch Eurostyle Vertical Fixed Mount PCB Terminal Block, with Standard Imprinting, Green Housing, 16 Circuits

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Drawing (PDF)</a>                        |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |

**Agency Certification**

UL E48521

**General**

|                |   |
|----------------|---|
| Product Family | Terminal Blocks                           |
| Series         | <a href="#">39594</a>                     |
| Application    | N/A                                       |
| Comments       | with Standard Imprinting                  |
| Component Type | One Piece                                 |
| Overview       | <a href="#">Eurostyle Terminal Blocks</a> |
| Product Name   | ESE, Eurostyle Fixed Mount                |
| Type           | Euro Block                                |
| UPC            | 822350503860                              |

**Physical**

|                               |                        |
|-------------------------------|------------------------|
| Circuits (Loaded)             | 16                     |
| Entry Angle                   | Horizontal             |
| Lock to Mating Part           | None                   |
| Number of Rows                | 1                      |
| Orientation                   | Vertical               |
| PC Tail Length                | 3.00mm                 |
| PCB Thickness - Recommended   | 2.00mm                 |
| Panel Mount                   | No                     |
| Pitch - Mating Interface      | 5.08mm                 |
| Pitch - Termination Interface | 5.08mm                 |
| Polarized to Mating Part      | N/A                    |
| Stackable                     | No                     |
| Temperature Range - Operating | -40° to +105°C         |
| Wire Size AWG                 | 12, 14, 16, 18, 20, 22 |
| Wire Size mm <sup>2</sup>     | 0.33-3.31              |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 15.0A |
| Voltage - Maximum             | 300V  |

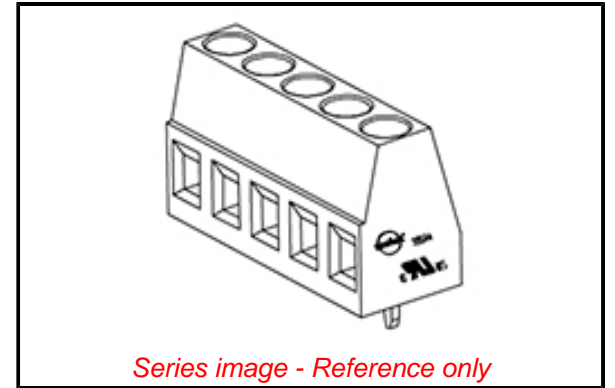
**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 005    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 135    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|               |                  |
|---------------|------------------|
| Sales Drawing | SD-39544-001-001 |
|---------------|------------------|



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[39594 Series](#)

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[39594-5016](#)