



**Part Number :** [389690010](#)  
**Product Description :** 12.70mm Pitch, Single Row,  
Tri-Barrier Terminal Strip, without Mounting Ends,  
Black, Steel Screws, 10 Circuits  
**Series Number :** 38969  
**Status :** Active  
**Product Category :** Terminal Blocks and Barrier  
Strip



## Documents & Resources

### Drawings

[389690010 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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(2025)4165-DC<br>(25 June 2025)                                                           |
| 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         | 38969                                                                                                          |
| Description    | 12.70mm Pitch, Single Row, Tri-Barrier Terminal Strip, without Mounting Ends, Black, Steel Screws, 10 Circuits |
| Application    | Wire-to-Board                                                                                                  |
| Component Type | One Piece                                                                                                      |
| Keyword        | Barrier Strip, Barrier Terminal Strip                                                                          |
| Product Name   | Fixed Mount Barrier                                                                                            |
| Type           | Barrier Strips                                                                                                 |
| UPC            | 822350945127                                                                                                   |

### Agency

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

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 50.0A |
| Voltage - Maximum             | 600V  |

### Physical

|                    |    |
|--------------------|----|
| Circuits (Loaded)  | 10 |
| Circuits (maximum) | 10 |

|                                |                           |
|--------------------------------|---------------------------|
| Color - Resin                  | Black                     |
| Entry Angle                    | Horizontal                |
| Lock to Mating Part            | None                      |
| Material - Metal               | Brass, Steel              |
| Material - Plating Mating      | Nickel                    |
| Material - Plating Termination | Tin                       |
| Material - Resin               | PBT                       |
| Net Weight                     | 85.200/g                  |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| Panel Mount                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.57mm                    |
| PC Tail Length                 | 4.00mm                    |
| Pitch - Mating Interface       | N/A                       |
| Pitch - Termination Interface  | 12.70mm                   |
| Polarized to Mating Part       | No                        |
| Shrouded                       | Tri-Barrier               |
| Stackable                      | No                        |
| Temperature Range - Operating  | -40° to +120°C            |
| Termination Interface Style    | Screw                     |
| Wire Size (AWG)                | 8, 10, 12, 14, 16, 18, 20 |
| Wire Size mm <sup>2</sup>      | 0.52-8.37                 |

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