**Part Number :** 389690002
**Product Description :** 12.70mm Pitch, Single Row, Tri-Barrier Terminal Strip, without Mounting Ends, Black, Steel Screws, 2 Circuits
**Series Number :** 38969
**Status :** Active
**Product Category :** Terminal Blocks and Barrier Strip



## Documents and Resources

### Drawings

389690002_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Reviewed |
| 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(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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, 2 Circuits |
| Application | Wire-to-Board |
| Component Type | One Piece |
| Keyword | Barrier Strip, Barrier Terminal Strip |
| Product Name | Fixed Mount Barrier |
| Type | Barrier Strips |
| UPC | 822350944939 |

### Agency

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

### Electrical

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

### Physical

| | |
|---|---|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |

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| | |
|---|---|
| Color - Resin | Black |
| Entry Angle | Horizontal |
| Lock to Mating Part | No |
| Material - Metal | Brass, Steel |
| Material - Plating Mating | Nickel |
| Material - Plating Termination | Tin |
| Material - Resin | Polybutylene Terephthalate (PBT) |
| Net Weight | 17.000/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Panel Mount | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.57mm |
| PC Tail Length | 4.00mm |
| Pitch - Mating Interface | 12.70mm |
| 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 $mm^2$ | 0.52-8.37 |



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