



**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



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## Documents & Resources

### Drawings

[389690010 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

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

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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(2025)4165-DC (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
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### 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