Part Number : 389690008
Product Description : 12.70mm Pitch, Single Row, Tri-Barrier Terminal Strip, without Mounting Ends, Black, Steel Screws, 8 Circuits
Series Number : 38969
Status : Active
Product Category : Terminal Blocks and Barrier Strip



Documents and Resources

Drawings

389690008_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	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

- 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

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, 8 Circuits
Application	Wire-to-Board
Component Type	One Piece
Keyword	Barrier Strip, Barrier Terminal Strip
Product Name	Fixed Mount Barrier
Type	Barrier Strips
UPC	822350945004

Agency

UL	E48521

Electrical

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

Physical

Circuits (Loaded)	8
Circuits (maximum)	8

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	68.200/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	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^2	0.52-8.37