



Part Number : [3006271001](#)
Product Description : Mini50 Sealed Panel Mount Header, Vertical, Through Hole, Self-Tapping, 3 Rows, 33 Circuits, Silver (Ag) Plating, Polarization Option A, Black, Tray
Series Number : 300627
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[3006271001 sd.pdf](#)
[3005130001-PK-000.pdf](#)

Specifications

[3005130000-AS-000.pdf](#)
[3005250000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
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	PCB Headers and Receptacles
Series	300627
Description	Mini50 Sealed Panel Mount Header, Vertical, Through Hole, Self-Tapping, 3 Rows, 33 Circuits, Silver (Ag) Plating, Polarization Option A, Black, Tray
Application	Automotive, Sealed, Signal, Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini50 Sealed
UPC	196823704932

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	33
Circuits (maximum)	33
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No

Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Silver
Material - Plating Termination	Matte Tin
Material - Resin	PBT
Net Weight	17.780/g
Number of Rows	3
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PC Tail Length	3.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini50 Sealed 3 Row Connectors and Accessories	<u>300525</u>

This document was generated on Apr 13, 2026