



Part Number : [349610386](#)

Product Description : Mini50 Unsealed Right-Angle Header, UL 94 HB, 38 Circuits, Polarization A, Black, Tray

Series Number : 34961

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[349610386 sd.pdf](#)

[PK-31302-070-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

Specifications

[TS-34961-001-001.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 | 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 | PCB Headers and Receptacles |
| Series | 34961 |
| Description | Mini50 Unsealed Right-Angle Header, UL 94 HB, 38 Circuits, Polarization A, Black, Tray |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Comments | 38 x 0.50mm blades = 4.0A |
| Component Type | PCB Header |
| Product Name | Mini50 |
| UPC | 195842848061 |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 500V DC |

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 38 |
| Circuits (maximum) | 38 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10 |

| | |
|--------------------------------|----------------|
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | SPS |
| Net Weight | 6.300/g |
| Number of Rows | 3 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | No |
| PC Tail Length | 2.75mm |
| Pitch - Mating Interface | 2.00mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|------------------------------------------------------------------------------------------------------|----------------------------------|
| Mini50 Unsealed Receptacle, UL 94 HB, 3 Rows, without CPA, 38 Circuits, Polarization Option A, Black | <u>349590390</u> |
| Mini50 Unsealed Receptacle, UL 94 HB, 3 Rows, with CPA, 38 Circuits, Polarization Option A, Black | <u>349590383</u> |

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