**Part Number :** 349618345
**Product Description :** Mini50 Unsealed Right-Angle Hybrid Header, UL 94 HB, 34 Circuits, Polarization C, Dark Gray, Tape and Reel
**Series Number :** 34961
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

349618345_sd.pdf

PK-47799-0001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-34959-001-001.pdf

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)6375-DC (05 Nov 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 | PCB Headers and Receptacles |
| Series | 34961 |
| Description | Mini50 Unsealed Right-Angle Hybrid Header, UL 94 HB, 34 Circuits, Polarization C, Dark Gray, Tape and Reel |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Comments | 30 x 0.50mm blades = 4.0A; 4 x 1.20mm blades = 16.0A |
| Component Type | PCB Header |
| Product Name | Mini50 |
| UPC | 195842848351 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 16.0A, 4.0A |
| Voltage - Maximum | 500V DC |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 34 |

| | |
|---|---|
| Circuits (maximum) | 34 |
| Color - Resin | Gray (Dark) |
| 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 | 6.700/g |
| Number of Rows | 3 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | Yes |
| PCB Retention | None |
| 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, 3 Rows, with CPA, 34 Circuits, Polarization Option C, Dark Gray | 349590342 |
| Mini50 Unsealed Receptacle, 3 Rows, without CPA, 34 Circuits, Polarization Option C, Dark Gray | 349590349 |