**Part Number :** 349128082
**Product Description :** Mini50 Unsealed Header, Right-Angle, SMT, Single Row, 8 Circuits, Tin (Sn) Plating, Polarization Option C, Dark Gray, Tape and Reel
**Series Number :** 34912
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

349128082_sd.pdf

PK-31301-786-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

AS-34791-020-CH-001.pdf

2065230000-AS-000.pdf

AS-34791-020-001.pdf

AS-34791-020-CH-001.pdf

AS-34791-020-FR-001.pdf

2065230000-AS-KR-000.pdf

PS-34791-020-001.pdf

2065230000-TS-000.pdf

347910020-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33; |

| | |
|---|---|
| | 34 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| 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 | PCB Headers and Receptacles |
| Series | 34912 |
| Description | Mini50 Unsealed Header, Right-Angle, SMT, Single Row, 8 Circuits, Tin (Sn) Plating, Polarization Option C, Dark Gray, Tape and Reel |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Mini50 |
| UPC | 887191297422 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 4.0A (for reference only) |
| Voltage - Maximum | 14V (typical operating) |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Gray (Dark) |
| 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 | 1.900/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Retention | Yes |
| Pitch - Mating Interface | 2.00mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +100°C |
| Termination Interface Style | Surface Mount |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
| --- | --- |
| Mini50 Unsealed Receptacle Housings | 34791 |
| Mini50 Unsealed Dual Row Receptacles | 206523 |