



**Part Number :** [348978120](#)

**Product Description :** Mini50 Unsealed Header, Right-Angle, SMT, Dual Row, 12 Circuits, Tin (Sn) Plating, Polarization Option A, Black, Tape and Reel

**Series Number :** 34897

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Packaging Alternative :** [348979120](#) (Tube)



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## Documents & Resources

### Drawings

[348978120 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](#)

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## Product Environment Compliance

### Compliance

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

|                    |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| China RoHS         | <br>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<br>(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         | 34897                                                                                                                          |
| Description    | Mini50 Unsealed Header, Right-Angle, SMT, Dual Row, 12 Circuits, Tin (Sn) Plating, Polarization Option A, Black, Tape and Reel |
| Application    | Automotive, Power, Signal, Wire-to-Board                                                                                       |
| Component Type | PCB Header                                                                                                                     |
| Product Name   | Mini50                                                                                                                         |
| UPC            | 887191297460                                                                                                                   |

**Electrical**

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

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 12                    |
| Circuits (maximum)             | 12                    |
| Color - Resin                  | Black                 |
| 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                     | 2.400/g               |
| Number of Rows                 | 2                     |
| 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 Dual Row<br>Receptacles         | <u>206523</u> |
| Mini50 Unsealed Dual Row<br>Receptacle Housings | <u>34824</u>  |