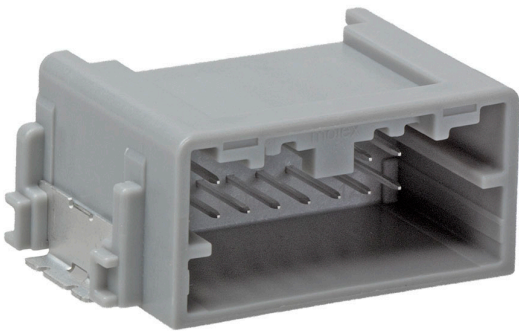




**Part Number :** [348978202](#)  
**Product Description :** Mini50 Unsealed Header, Right-Angle, SMT, Dual Row, 20 Circuits, Tin (Sn) Plating, Polarization Option C, Dark Gray, Tape and Reel  
**Series Number :** 34897  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Packaging Alternative :** [348979202 \(Tube\)](#)



## Documents & Resources

### Drawings

[348978202\\_sd.pdf](#)  
[PK-31301-786-001.pdf](#)

### 3D Models and Design Files

[348978202\\_stp.zip](#)

### Specifications

[AS-34791-020-CH-001.pdf](#)  
[347910020-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                   |
| China RoHS         |  |
| EU ELV             | Compliant per 2000/53/EC                                                              |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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, 20 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            | 887191459325                                                                                                                       |

#### Electrical

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

#### Physical

|                         |             |
|-------------------------|-------------|
| Breakaway               | No          |
| Circuits (Loaded)       | 20          |
| Circuits (maximum)      | 20          |
| 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                     | 3.432/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 Receptacles         | <u>206523</u> |
| Mini50 Unsealed Dual Row Receptacle Housings | <u>34824</u>  |