



**Part Number :** [347920040](#)

**Product Description :** Mini50 Unsealed Vertical Header, Single Row, 4 Circuit, Polarization Option A, Black, Tray

**Series Number :** 34792

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 347920040\\_sd.pdf](#)

[Packaging Design Drawing PK-31301-440-001.pdf](#)

### 3D Models and Design Files

[3D Model PDF 347920040.pdf](#)

[3D Model 347920040\\_stp.zip](#)

### Specifications

[Application Specification AS-34791-020-CH-001.pdf](#)

[Application Specification AS-34791-020-001.pdf](#)

[Product Specification PS-34791-020-001.pdf](#)

[Test Summary 347910020-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Compliant with Exemption 44; 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(2023)3788-DC (14 Jun 2023) |
| 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         | 34792  |
| Description    | Mini50 Unsealed Vertical Header, Single Row, 4 Circuit, Polarization Option A, Black, Tray |
| Application    | Automotive, Power, Signal, Wire-to-Board   |
| Component Type | PCB Header   |
| Product Family | Mini50 Connection Systems  |
| Product Name   | Mini50   |
| UPC            | 884982491519   |

#### Electrical

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

#### Physical

|                         |       |
|-------------------------|-------|
| Breakaway               | No    |
| Circuits (Loaded)       | 4     |
| Circuits (maximum)      | 4     |
| 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               | Polyester Alloy |
| Net Weight                     | 1.057/g         |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| Packaging Type                 | Tray            |
| PC Tail Length                 | 2.90mm          |
| PCB Locator                    | Yes             |
| Pitch - Mating Interface       | 2.00mm          |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | Yes             |
| Temperature Range - Operating  | -40° to +105°C  |
| Termination Interface Style    | Through Hole    |

#### 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 | <u>34791</u> |

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