

Part Number : 348260201

Product Description : Mini50 Unsealed Right Angle Header, Dual Row, 20 Circuit, Polarization Option B, 2.80mm Pin Length, Gray, Tray

Series Number : 34826

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

Drawing 348260201\_sd.pdf

Packaging Design Drawing PK-31301-440-001.pdf

### 3D Models and Design Files

3D Model 348260201\_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)8585-DC<br>(23 Jan 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         | 34826  |
| Description    | Mini50 Unsealed Right-Angle Header, Dual Row, 20 Circuit, Polarization Option B, 2.80mm Pin Length, Gray, Tray |
| Application    | Automotive, Power, Signal, Wire-to-Board   |
| Component Type | PCB Header   |
| Product Family | Mini50 Connection Systems  |
| Product Name   | Mini50   |
| UPC            | 887191402628   |

#### 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 |
| 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               | High Temperature Thermoplastic |
| Net Weight                     | 2.600/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Tray                           |
| PC Tail Length                 | 2.80mm                         |
| 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

|                              |          |
|------------------------------|----------|
| Max-Duration                 | 40       |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle                    | 3        |
| Max-Temp                     | 260      |

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## Mates With / Use With

### Mates with Part(s)

| Description                                  | Part Number  |
|--|--------------|
| Mini50 Unsealed Dual Row Receptacle Housings | <u>34824</u> |

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