

**Part Number :** [2154278240](#)

**Product Description :** Mini50 Unsealed Right-Angle Header, UL 94 V0, Dual Row, 24 Circuit, Polarization Option A, 2.80mm Pin Length, Black, Tape and Reel

**Series Number :** 215427

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[2154278240\\_sd.pdf](#)

[PK-47799-0001-001.pdf](#)

### Specifications

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

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

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

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

[2065230000-PS-000.pdf](#)

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

## Product Environment Compliance

### Compliance

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| GADSL/IMDS         | Duty-To-Declare                                                                        |
| China RoHS         | Not Relevant                                                                           |
| EU ELV             | Compliant per 2000/53/EC                                                               |
| Low-Halogen Status | Not Relevant                                                                           |
| REACH SVHC         | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| 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         | 215427                                                                                                                             |
| Description    | Mini50 Unsealed Right-Angle Header, UL 94 V0, Dual Row, 24 Circuit, Polarization Option A, 2.80mm Pin Length, Black, Tape and Reel |
| Application    | Automotive, Wire-to-Board                                                                                                          |
| Component Type | PCB Header                                                                                                                         |
| Product Name   | Mini50                                                                                                                             |
| UPC            | 193264776030                                                                                                                       |

## Electrical

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

## Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 24    |
| Circuits (maximum)             | 24    |
| Color - Resin                  | Black |
| 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                     | 4.080/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Embossed Tape on Reel          |
| PCB Locator                    | Yes                            |
| PC Tail Length                 | 2.80mm                         |
| Pitch - Mating Interface       | 2.00mm                         |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Sealed                         | Unsealed                       |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface Style    | Through Hole                   |
| Terminal Size                  | 0.5                            |

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## Mates With / Use With

### Mates with Part(s)

| Description                                  | Part Number                   |
|----------------------------------------------|-------------------------------|
| Mini50 Unsealed Dual Row Receptacle Housings | <u><a href="#">34824</a></u>  |
| Mini50 Unsealed Dual Row Receptacles         | <u><a href="#">206523</a></u> |

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