



Part Number : 348241124

Series Number : 34824

Product Category : Connector Housings

Product Description : PROPOSED  
REPLACEMENT: MINI50 GEN II UNSEALED  
RECEPTACLES (206523 SERIES); Mini50  
Unsealed Receptacle, Dual Row, Bridged, 12  
Circuits, Polarization Option A, Black

Status : Active

Documents & Resources

Drawings

Drawing 348241124\_sd.pdf

Packaging Design Drawing PK-31301-538-001.pdf

Packaging Design Drawing PK-31301-538-001.pdf

3D Models and Design Files

3D Model 348241124\_stp.zip

Specifications

Application Specification AS-34791-020-CH-001.pdf

Test Summary 347910020-TS-000.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant                                                                             |
| 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<br>(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       | Connector Housings                                                                                                                                                 |
| Series         | 34824                                                                                                                                                              |
| Description    | PROPOSED REPLACEMENT: MINI50 GEN II UNSEALED RECEPTACLES (206523 SERIES); Mini50 Unsealed Receptacle, Dual Row, Bridged, 12 Circuits, Polarization Option A, Black |
| Application    | Automotive, Power, Wire-to-Board                                                                                                                                   |
| Product Family | Mini50 Connection Systems                                                                                                                                          |
| Product Name   | Mini50                                                                                                                                                             |
| UPC            | 887191309439                                                                                                                                                       |

#### Physical

|                               |            |
|-------------------------------|------------|
| Circuits (maximum)            | 12         |
| Color - Resin                 | Black      |
| Gender                        | Receptacle |
| Glow-Wire Capable             | No         |
| Keying to Mating Part         | Yes        |
| Lock to Mating Part           | Yes        |
| Material - Resin              | PBT        |
| Net Weight                    | 1.470/g    |
| Number of Rows                | 2          |
| Packaging Type                | Bag        |
| Panel Mount                   | No         |
| Pitch - Mating Interface      | 2.00mm     |
| Pitch - Termination Interface | 2.00mm     |
| Polarization                  | A          |

|                               |                |
|-------------------------------|----------------|
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

## 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 Vertical Headers    | <u>34825</u> |
| Mini50 Unsealed Dual Row Right-Angle Headers | <u>34826</u> |
| Mini50 Unsealed Dual Row Right-Angle Headers | <u>34897</u> |

### Use with Part(s)

| Description                         | Part Number   |
|-------------------------------------|---------------|
| CTX50 Unsealed Receptacle Terminals | <u>560023</u> |