**Part Number :** 2065230161
**Product Description :** Mini50 Unsealed Receptacle, Dual Row, UL 94 HB, without CPA, 16 Circuits, Polarization Option A, Black
**Series Number :** 206523
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

2065230161_sd.pdf

PK-31301-538-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

2065230000-AS-000.pdf

2065230000-AS-CH-000.pdf

2065230000-AS-KR-000.pdf

2065230000-PS-000.pdf

2065230000-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |

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| | |
|---|---|
| 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 | Connector Housings |
| Series | 206523 |
| Description | Mini50 Unsealed Receptacle, Dual Row, UL 94 HB, without CPA, 16 Circuits, Polarization Option A, Black |
| Application | Automotive, Power, Wire-to-Board |
| Product Name | Mini50 |
| UPC | 191130110018 |

### Physical

| | |
|---|---|
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |

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| | |
|---|---|
| Material - Resin | Polybutylene Terephthalate (PBT) |
| Net Weight | 1.687/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 +100°C |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini50 Unsealed Header, UL 94 HB, Right-Angle, SMT, Dual Row, 16 Circuits, Tin (Sn) Plating, Polarization Option A, Black, Tape and Reel | 348978160 |
| Mini50 Unsealed Header, UL 94 HB, Right-Angle, SMT, Dual Row, 16 Circuits, Tin (Sn) Plating, Polarization Option A, Black, Tube | 348979160 |
| Mini50 Unsealed Vertical Header, UL 94 HB, Dual Row, 16 Circuit, Polarization Option A, Black, Tray | 348250160 |
| Mini50 Unsealed Vertical Header, UL 94 HB, Dual Row, 16 Circuit, Polarization Option A, Black, Tube | 348259160 |
| Mini50 Unsealed Right-Angle Header, UL 94 HB, Dual Row, 16 Circuit, Polarization Option A, 2.80mm Pin Length, Black, Tray | 348260160 |
| Mini50 Unsealed Right-Angle Header, UL 94 HB, Dual Row, 16 Circuit, Polarization Option A, 2.80mm Pin Length, Black, Tube | 348269160 |

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**Use with Part(s)**

| Description | Part Number |
| --- | --- |
| CTX50 Unsealed Receptacle Terminals | 560023 |



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