



Part Number : 2045230801

Series Number : 204523

Product Category : Connector Housings

Product Description : 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Low-Halogen, Dual Row, Positive Lock, 8 Circuits, Black

Status : Active

Documents & Resources

Drawings

Drawing 2045230801\_sd.pdf

3D Models and Design Files

- 2D Drawing DXF 2045230801.dxf
- 2D Drawing DXF (PDF) 2045230801.pdf
- 3D Model 2045230801\_stp.zip

Specifications

- Application Specification 5054320000-AS-000.pdf
- Packaging Specification 2045239200SPK-200.pdf
- Product Specification 2045230000-PS-000.pdf
- Product Specification 2045230001-PS-000.pdf
- Product Specification 2045231001-PS-000.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (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         | 204523                                                                                                          |
| Description    | 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Low-Halogen, Dual Row, Positive Lock, 8 Circuits, Black |
| Application    | Signal, Wire-to-Board                                                                                           |
| Product Family | Micro-Lock Connector System                                                                                     |
| Product Name   | Micro-Lock Plus                                                                                                 |
| UPC            | 193264084166                                                                                                    |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 8          |
| Color - Resin         | Black      |
| Flammability          | 94V-0      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | None       |
| Lock to Mating Part   | Yes        |
| Material - Resin      | PBT        |
| Net Weight            | 0.211/mg   |
| Number of Rows        | 2          |
| Packaging Type        | Bag        |

|                               |                |
|-------------------------------|----------------|
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.25mm         |
| Pitch - Termination Interface | 1.25mm         |
| Polarized to Mating Part      | Yes            |
| Temperature Range - Operating | -40° to +105°C |

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**Mates With / Use With**

**Mates with Part(s)**

|                                                                                                      |               |
|------------------------------------------------------------------------------------------------------|---------------|
| Description                                                                                          | Part Number   |
| 1.25mm Pitch Micro-Lock Plus<br>Vertical, Dual Row, Surface Mount<br>Headers with Potting Capability | <u>207760</u> |