



**Part Number :** [2045230401](#)  
**Product Description :** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Low-Halogen, Dual Row, Positive Lock, 4 Circuits, Low-Halogen, Black  
**Series Number :** 204523  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[2045230401\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2045230401.dxf](#)

### Specifications

[5054320000-AS-000.pdf](#)

[2045239200SPK-200.pdf](#)

[2045230001-PS-000.pdf](#)

[2045230002-PS-000.pdf](#)

[2045231001-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025)                                                            |

|         |                           |
|---------|---------------------------|
| 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

## 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, 4 Circuits, Low-Halogen, Black |
| Application  | Signal, Wire-to-Board                                                                                                        |
| Product Name | Micro-Lock Plus                                                                                                              |
| UPC          | 193264083763                                                                                                                 |

### Agency

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

### Physical

|                    |       |
|--------------------|-------|
| Circuits (maximum) | 4     |
| 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                    | 0.168/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> |