



**Part Number :** [2145260801](#)  
**Product Description :** Micro-Lock Plus TPA Type  
Receptacle Housing, 1.25mm Pitch, Low-Halogen,  
Single Row, Positive Lock, 8 Circuits, Black  
**Series Number :** 214526  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[2145260801\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2145260801.dxf](#)

### Specifications

[5055650000-AS-000.pdf](#)

[2145269200-SPK-200.pdf](#)

[2145260000-PS-000.pdf](#)

[2145260001-PS-000.pdf](#)

[2145260002-PS-000.pdf](#)

[2145260003-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                                                                             |

|         |                           |
|---------|---------------------------|
|         | (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       | 214526                                                                                                               |
| Description  | Micro-Lock Plus TPA Type Receptacle Housing, 1.25mm Pitch, Low-Halogen, Single Row, Positive Lock, 8 Circuits, Black |
| Application  | Wire-to-Board, Wire-to-Wire                                                                                          |
| Product Name | Micro-Lock Plus                                                                                                      |
| UPC          | 193264679973                                                                                                         |

### Agency

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

### Physical

|                    |       |
|--------------------|-------|
| Circuits (maximum) | 8     |
| Color - Resin      | Black |

|                               |                |
|-------------------------------|----------------|
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Net Weight                    | 184.360/mg     |
| Number of Rows                | 1              |
| 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 Vertical, Single Row, Surface Mount Headers                         | <a href="#"><u>505568</u></a> |
| 1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers                      | <a href="#"><u>505567</u></a> |
| 1.25mm Pitch Micro-Lock Plus Vertical, Single Row, Surface Mount Headers with Potting Capability | <a href="#"><u>205957</u></a> |
| 1.25mm Pitch, Micro-Lock Plus Single Row Plug Housings                                           | <a href="#"><u>214525</u></a> |
| Micro-Lock Plus Vertical, Single Row, Through Hole Headers                                       | <a href="#"><u>220097</u></a> |
| Micro-Lock Plus Right-Angle, Single Row, Through Hole Headers                                    | <a href="#"><u>220098</u></a> |

### Use with Part(s)

| Description                      | Part Number                   |
|----------------------------------|-------------------------------|
| 1.25mm Pitch Micro-Lock Plus TPA | <a href="#"><u>214528</u></a> |

|                                           |               |
|-------------------------------------------|---------------|
| Retainers                                 |               |
| Micro-Lock Plus Female Crimp<br>Terminals | <u>214529</u> |