

Part Number : [2145271801](#)

Product Description : Micro-Lock Plus TPA Type Receptacle Housing, 1.25mm Pitch, Low-Halogen, Dual Row, Positive Lock, 18 Circuits, Black

Series Number : 214527

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 2145271801\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 2145271801.dxf](#)

[2D Drawing DXF \(PDF\) 2145271801.pdf](#)

[3D Model 2145271801\\_stp.zip](#)

### Specifications

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


[Packaging Specification 2145279200-SPK-200.pdf](#)

[Product Specification 2145270000-PS-000.pdf](#)

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## 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	214527
Description	Micro-Lock Plus TPA Type Receptacle Housing, 1.25mm Pitch, Low-Halogen, Dual Row, Positive Lock, 18 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	193264680320

### Agency

UL	E29179
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### Physical

Circuits (maximum)	18
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	400.870/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 Vertical, Dual Row, Surface Mount Headers	<u>505433</u>
1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers	<u>505448</u>

### Use with Part(s)

Description	Part Number
1.25mm Pitch Micro-Lock Plus TPA Retainers	<u>214528</u>
Micro-Lock Plus Female Crimp Terminals	<u>214529</u>

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This document was generated on Jul 29, 2024