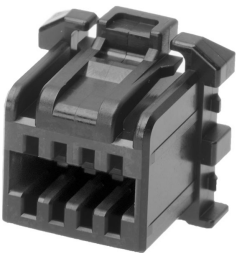




**Part Number :** [2145270801](#)  
**Product Description :** Micro-Lock Plus TPA  
Type Receptacle Housing, 1.25mm Pitch, Low-  
Halogen, Dual Row, Positive Lock, 8 Circuits,  
Black  
**Series Number :** 214527  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[2145270801\\_sd.pdf](#)

**3D Models and Design Files**  
[2145270801.dxf](#)  
[2145270801.pdf](#)  
[2145270801\\_stp.zip](#)

**Specifications**  
[5054320000-AS-000.pdf](#)  
[2145279200-SPK-200.pdf](#)  
[2145270000-PS-000.pdf](#)  
[2145270001-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)6225-DC (07 Nov 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, 8 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Product Name	Micro-Lock Plus
UPC	193264680078

#### Agency

UL	E29179
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#### 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	232.330/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>
1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers	<u>204519</u>
1.25mm Pitch Micro-Lock Plus Vertical, Dual Row, Surface Mount Headers	<u>204520</u>
1.25mm Pitch Micro-Lock Plus Vertical, Dual Row, Surface Mount Headers with Potting Capability	<u>207760</u>

### Use with Part(s)

Description	Part Number
Micro-Lock Plus Female Crimp Terminal, Tin (Sn) Plating, 30-26 AWG, Reel	<u>5054311000</u>
1.25mm Pitch Micro-Lock Plus TPA Retainers	<u>214528</u>
Micro-Lock Plus Female Crimp Terminals	<u>214529</u>