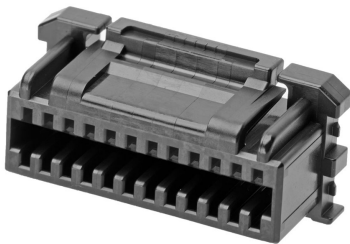




Part Number : [2145272401](#)
Product Description : Micro-Lock Plus TPA
Type Receptacle Housing, 1.25mm Pitch, Low-
Halogen, Dual Row, Positive Lock, 24 Circuits,
Black
Series Number : 214527
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[2145272401_sd.pdf](#)

3D Models and Design Files
[2145272401.dxf](#)
[2145272401.pdf](#)
[2145272401_stp.zip](#)

Specifications
[5054320000-AS-000.pdf](#)
[2145279200-SPK-200.pdf](#)
[2145270000-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

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, 24 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Product Name	Micro-Lock Plus
UPC	193264680481

Agency

UL	E29179
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Physical

Circuits (maximum)	24
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	501.190/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

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>

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>