



**Part Number :** 5054324001

**Series Number :** 505432

**Product Category :** Connector Housings

**Product Description :** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 40 Circuits, Black

**Status :** Active

Documents & Resources

Drawings

Drawing 5054324001\_sd.pdf

3D Models and Design Files


- 2D Drawing DXF 5054324001.dxf
- 2D Drawing DXF (PDF) 5054324001.pdf
- 3D Model 5054324001\_stp.zip

Specifications

- Application Specification 5054320000-AS-000.pdf
- Packaging Specification 5054329200-200.pdf
- Product Specification 5054320000-002.pdf
- Product Specification 5054320000-005.pdf
- Product Specification 5054320000-006.pdf
- Product Specification 5054321000-PS-002.pdf
- Product Specification 5054321000-PS-006.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	505432
Description	1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 40 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	889056422345

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	40
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	751.059/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><a href="#">505433</a></u>
1.25mm Pitch Micro-Lock Plus Right-Angle, Dual Row, Surface Mount Headers	<u><a href="#">505448</a></u>

### Use with Part(s)

Description	Part Number
Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581148.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581148.html</a></u>
Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581149.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581149.html</a></u>
Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Gold (Au) Plating, 150.00mm Length, 26 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582143.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582143.html</a></u>
Pre-Crimped Lead Micro-Lock Plus Female-to-Micro-Lock Plus Female, Gold (Au) Plating, 300.00mm Length, 26 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582144.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582144.html</a></u>
Micro-Lock Plus Female Crimp Terminals	<u><a href="#">505431</a></u>