



Part Number : [5054321601](#)
Product Description : 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 16 Circuits, Black
Series Number : 505432
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[Drawing 5054321601_sd.pdf](#)

3D Models and Design Files
[3D Model 5054321601_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	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	505432
Description	1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 16 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	889056422222

Agency

UL	E29179
----	--------

Physical

Circuits (maximum)	16
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	356.750/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>

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