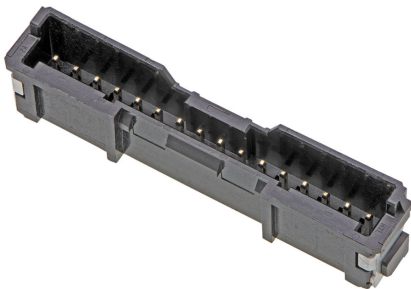




**Part Number :** [5055751141](#)  
**Product Description :** 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.76µm Gold Plating, Positive Lock, 11 Circuits, Low-Halogen, Black  
**Series Number :** 505575  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles




## Documents & Resources

**Drawings**  
[Drawing 5055751141\\_sd.pdf](#)

**Specifications**  
[Application Specification 5055700001-A03.pdf](#)  
[Packaging Specification 5055759200-200.pdf](#)  
[Product Specification 5055700002-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per
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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	505575
Description	2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.76µm Gold Plating, Positive Lock, 11 Circuits, Low-Halogen, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	193264478644

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

#### Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No

Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	1140.740/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.760µm
Plating min - Termination	0.760µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	<u>505570</u>