



Part Number : [5055780660](#)

Product Description : 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 6 Circuits, Low-Halogen, Low-Halogen, Natural (White)

Series Number : 505578

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 5055780660_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 5055780660.dxf](#)

[2D Drawing DXF \(PDF\) 5055780660.pdf](#)

[3D Model 5055780660_stp.zip](#)

Specifications


[Application Specification 5055700001-A03.pdf](#)

[Packaging Specification 5055789200-200.pdf](#)

[Product Specification 5055700002-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per |
| 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

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 505578 |
| Description | 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 6 Circuits, Low-Halogen, Low-Halogen, Natural (White) |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Micro-Lock Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 193264479726 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

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

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Natural (White) |
| 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 | 714.570/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| 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 | 0.100µm |
| Plating min - Termination | 0.100µm |
| 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 |

Mates With / Use With

Mates with Part(s)

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

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