

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5055750381

Status:

Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Matte Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 3 Circuits, Black

- Documents:
- 3D Model

Application Specification 5055700001-A03 (PDF)
- 3D Model (PDF)

Packaging Specification 5055759200-200 (PDF)
- Drawing (PDF)

Datasheet (PDF)
- Product Specification 5055700001-PS-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 5055701001-PS-000 (PDF)

|                |                                                |
|----------------|------------------------------------------------|
| General        |                                                |
| Product Family | PCB Headers                                    |
| Series         | 505575                                         |
| Application    | Signal, Wire-to-Board                          |
| Overview       | Micro-Lock Plus Wire-to-Board Connector System |
| Product Name   | Micro-Lock Plus                                |
| UPC            | 889056575263                                   |

|                                |                       |
|--------------------------------|-----------------------|
| Physical                       |                       |
| Breakaway                      | No                    |
| Circuits (Loaded)              | 3                     |
| Circuits (maximum)             | 3                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Matte Tin             |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide             |
| Net Weight                     | 506.670/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 2.00mm                |
| Pitch - Termination Interface  | 2.00mm                |
| Plating min - Mating           | 1.000µm               |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Robotic Placement              | Vacuum Pick-Up Tape   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

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



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

505575 Series

Mates With

Micro-Lock Plus Receptacle Housing 505570

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | 5055700001-A03                       |
| Packaging Specification   | 5055759200-200                       |
| Product Specification     | 5055700001-PS-000, 5055701001-PS-000 |
| Sales Drawing             | 5055750001-000                       |

This document was generated on 02/02/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**