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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 Vacuum Pick-up Tape, 3 Circuits, Tape and Reel, Black

Documents:

| | |
|---------------------------------------------------------------|----------------------------------------------------------------|
| 3D Model | Application Specification 5055700001-A02 (PDF) |
| 3D Model (PDF) | Application Specification 5055700001-A03 (PDF) |
| Drawing (PDF) | Packaging Specification 5055759200-200 (PDF) |
| Product Specification 5055700001-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5055701001-PS-000 (PDF) | |

General

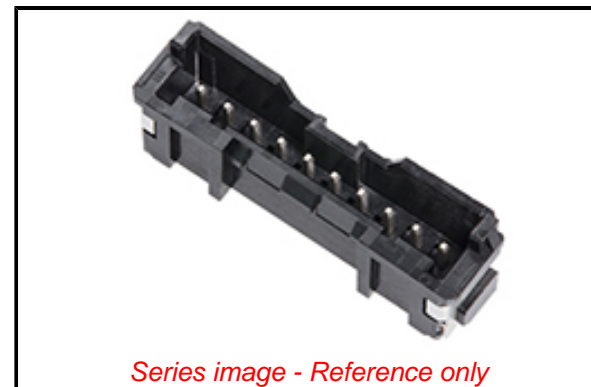
| | |
|----------------|----------------------------------------------------------------|
| Product Family | PCB Headers |
| Series | 505575 |
| Application | Signal, Wire-to-Board |
| Overview | Micro-Lock Plus Wire-to-Board Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 889056575263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

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

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-A02, 5055700001-A03 |
| Packaging Specification | 5055759200-200 |
| Product Specification | 5055700001-PS-000, 5055701001-PS-000 |
| Sales Drawing | 5055750001-000 |

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