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Part Number: [2059570471](#)

Status: **Active**

Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)

Description: 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 4 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-505565-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification 2059579200-SPK-200 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification 2045320001-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 2045321001-PS-000 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 205957 |
| Application | Signal, Wire-to-Board |
| Overview | Micro-Lock Plus Wire-to-Board Connector System |
| Product Name | Micro-Lock Plus |
| UPC | 191130032075 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| 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 | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | Polyamide |
| Net Weight | 211.680/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.25mm |
| Pitch - Termination Interface | 1.25mm |
| Plating min - Mating | 1.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Robotic Placement | Vacuum Pick-Up Tape |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° to +105°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

[205957 Series](#)

Mates With

[Micro-Lock Plus Receptacle Housing
204532](#)

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

3.6A

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-505565-001-001

Packaging Specification

2059579200-SPK-200

Product Specification

2045320001-PS-000, 2045321001-PS-000

Sales Drawing

2059573000-SD-000

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