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**Part Number:** 2059571071

**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, 10 Circuits, Tape and Reel, Black

*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification 2045320001-PS-000 (PDF)
Packaging Specification 2059579200-SPK-200 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 205957 |
| Application | Signal, Wire-to-Board |
| CURRENT-MAX-NUMERIC | 3.6 |
| Datasheet Order No | 987652-1192 |
| Overview | Micro-Lock Plus Wire-to-Board Connector System |
| PITCH-MATING-NUMERIC | 1.25 |
| Product Name | Micro-Lock PLUS |
| UPC | 191130032310 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 | 390.700/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 |

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per -ED/88/2018 (15 January 2019)

**Halogen-Free Status**
**Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | 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** | |
| Packaging Specification | 2059579200-SPK-200 |
| Product Specification | 2045320001-PS-000 |
| Sales Drawing | 2059573000-SD-000 |

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