



Part Number : [2077600481](#)
Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 4 Circuits, with Pick-and-Place Tape, Low-Halogen, Black
Series Number : 207760
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[2077600481_sd.pdf](#)

3D Models and Design Files
[2077600481.dxf](#)
[2077600481.pdf](#)
[2077600481_stp.zip](#)

Specifications
[5054320000-AS-000.pdf](#)
[2077609200-SPK-200.pdf](#)
[2045231001-PS-000.pdf](#)
[2045230001-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 33; 44 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 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 | 207760 |
| Description | 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 4 Circuits, with Pick-and-Place Tape, Low-Halogen, Black |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-Lock Plus |
| UPC | 193264084739 |

Agency

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

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Physical

| | |
|--------------------|----|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |

| | |
|--------------------------------|-----------------------|
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-1 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | Polyamide |
| Net Weight | 685.010/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 1.25mm |
| Pitch - Termination Interface | 1.25mm |
| 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 |
| 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 |
|-------------|-------------|
|-------------|-------------|

| | |
|--|---------------|
| 1.25mm Pitch Micro-Lock Plus Dual Row Receptacle Housings | <u>204523</u> |
|--|---------------|

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