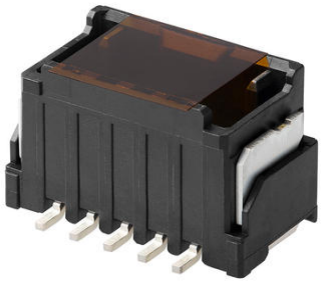
**Part Number :** 2170630077
**Product Description :** Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 7 Circuits, Tin-Bismuth Plating, Black, with Potting Capability, with Cover Tape
**Series Number :** 217063
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

2170630077_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

2170630077.dxf

### Specifications

2059790000-AS-000.pdf

2059790000-PS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 33; 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Downloaded from Arrow.com.

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

---

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 217063 |
| Description | Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 7 Circuits, Tin-Bismuth Plating, Black, with Potting Capability, with Cover Tape |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-One |
| UPC | 195842005204 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

Downloaded from Arrow.com.

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin-Bismuth |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide (PA) |
| Net Weight | 1208.763/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Retention | Yes |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 1.000µm |
| Plating min - Termination | 1.000µm |
| Polarized to PCB | Yes |
| Shrouded | Shrouded |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Micro-One Wire-to-Board Receptacle Housings | 205979 |
| Micro-One Single Row Receptacle Housings | 212724 |



Downloaded from Arrow.com.