



Part Number : [1722861103](#)

Product Description : Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 3 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black

Series Number : 172286

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1722861103_sd.pdf](#)

[PK-172286-9001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[1722861103-000.zip](#)

[SYM-172286-1203-001.zip](#)

Specifications

[1723230003-000.pdf](#)

[AS-172323-0001-001.pdf](#)

[1723230001-TS-000.pdf](#)

[1723231000-PS-CH-000.pdf](#)

[1723231000-PS-ES-000.pdf](#)

[1723231000-PS-JP-000.pdf](#)


[1723231000-PS-SK-000.pdf](#)

[PS-172323-0001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|------------|---------------------------------|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
|------------|---------------------------------|

| | |
|--------------------|---|
| 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 |

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 | 172286 |
| Description | Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 3 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black |
| Application | Wire-to-Board |
| Comments | See Product Specification for maximum current rating by circuit size and wire AWG |
| Component Type | PCB Header |
| Product Name | Ultra-Fit |
| UPC | 887191736280 |

Agency

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

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 14.0A |
| Voltage - Maximum | 600V AC (RMS)/DC |

Physical

| | |
|--------------------------------|------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | Yes |
| Guide to Mating Part | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Net Weight | 0.909/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.20mm |
| Pitch - Mating Interface | 3.50mm |
| Pitch - Termination Interface | 3.50mm |
| Plating min - Mating | 1.524µm |

| | |
|-------------------------------|---------------------------|
| Plating min - Termination | 1.524µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Shrouded |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | Through Hole - Kinked Pin |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 90 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 2 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-----------------------------------|
| Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 3 Circuits, Black, Glow-Wire Capable | <u>1722563103</u> |

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