



Part Number : [1510481211](#)

Product Description : CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tray Packaging, Glow-Wire Capable, 2 Circuits, Natural (White)

Series Number : 151048

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1510481211 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[SYM-151048-1201-001.zip](#)


Specifications

[PS-151048-0001-001.pdf](#)

[1510480001-TS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not 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 | 151048 |
| Description | CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tray Packaging, Glow-Wire Capable, 2 Circuits, Natural (White) |
| Application | Wire-to-Board |
| Comments | See Product Specification for maximum current rating by circuit size and wire AWG |
| Component Type | PCB Header |
| Product Name | CP-6.5 |
| UPC | 889056067188 |

Agency

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

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 10.0A |
| Voltage - Maximum | 600V AC (RMS)/DC |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Male |
| 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 | Matte Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide (PA) |
| Mounting Style | Through Hole |
| Net Weight | 1.725/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.80mm |
| Pitch - Mating Interface | 6.50mm |
| Plating min - Mating | 1.270µm |
| Plating min - Termination | 1.270µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |

| | |
|-----------------------------|--------------|
| Termination Interface Style | Through Hole |
|-----------------------------|--------------|

Solder Process Data

| | |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
|------------------------------|------|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|-------------------|
| CP-6.5 Receptacle Housing, 6.50mm Pitch, Dual Row, Polarized, Positive Lock, 2 Circuits, Natural | <u>1510492211</u> |
| CP-6.5 Receptacle Housing, Glow-Wire Capable, 6.50mm Pitch, Dual Row, 2 Circuits, Natural | <u>1512072211</u> |

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