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**Part Number:** [1510481200](#)  
**Status:** **Active**  
**Overview:** [CP Wire-to-Board and Wire-to-Wire Connector Systems](#)  
**Description:** CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tray Packaging, Glow-Wire Capable, 2 Circuits, Orange

**Documents:**

|                                                                  |                                                                 |
|------------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Test Summary 1510480001-TS-000 (PDF)</a>            |
| <a href="#">3D Model</a>                                         | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Symbol Footprint Data SYM-151048-1201-001 (PDF)</a> |
| <a href="#">Product Specification PS-151048-0001-001 (PDF)</a>   | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Packaging Specification PK-151048-0002-001 (PDF)</a> |                                                                 |

**Agency Certification**

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

**General**

|                |                                                                                   |
|----------------|-----------------------------------------------------------------------------------|
| Product Family | PCB Headers                                                                       |
| Series         | <a href="#">151048</a>                                                            |
| Application    | Power, Wire-to-Board                                                              |
| Comments       | See Product Specification for maximum current rating by circuit size and wire AWG |
| Overview       | <a href="#">CP Wire-to-Board and Wire-to-Wire Connector Systems</a>               |
| Product Name   | CP-6.5                                                                            |
| UPC            | 889056066877                                                                      |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 2              |
| Circuits (maximum)             | 2              |
| Color - Resin                  | Orange         |
| Durability (mating cycles max) | 30             |
| 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      | Matte Tin      |
| Material - Plating Termination | Matte Tin      |
| Material - Resin               | Polyamide      |
| Net Weight                     | 1.725/g        |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 3.80mm         |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Tray           |
| 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 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[151048](#) Series

**Mates With**

CP-6.5 Receptacle Housing [1510492200](#) ,  
[1512072200](#)

|                                    |                     |
|------------------------------------|---------------------|
| Termination Interface: Style       | Through Hole        |
| <b>Electrical</b>                  |                     |
| Current - Maximum per Contact      | 10.0A               |
| Voltage - Maximum                  | 600V AC (RMS)/DC    |
| <b>Solder Process Data</b>         |                     |
| Lead-freeProcess Capability        | WAVE                |
| <b>Material Info</b>               |                     |
| <b>Reference - Drawing Numbers</b> |                     |
| Packaging Specification            | PK-151048-0002-001  |
| Product Specification              | PS-151048-0001-001  |
| Sales Drawing                      | SD-151048-0001-001  |
| Symbol/Footprint Data              | SYM-151048-1201-001 |
| Test Summary                       | 1510480001-TS-000   |

This document was generated on 08/18/2021

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