



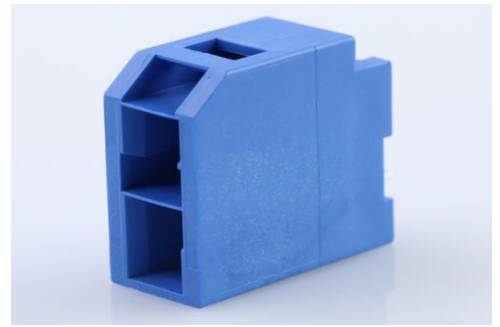
**Part Number :** [1510481201](#)

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

**Series Number :** 151048

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[1510481201\\_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](#)

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## 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)4165-DC (25 June 2025)
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

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## 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, Blue
Application	Power, 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	889056066884

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Blue
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
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

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Lead-Free Process Capability	WAVE
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**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, Blue	<u>1510492201</u>
CP-6.5 Receptacle Housing, Glow-Wire Capable, 6.50mm Pitch, Dual Row, 2 Circuits, Blue	<u>1512072201</u>