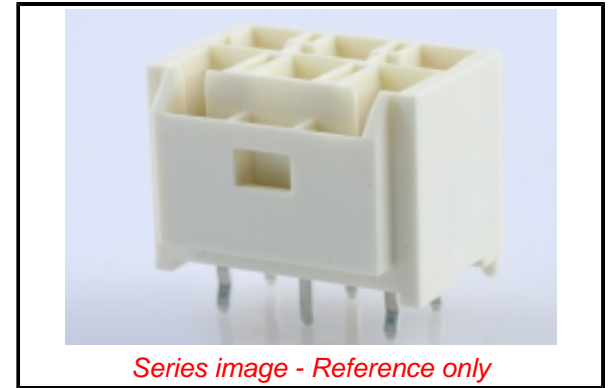


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1510481611](#)  
**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, 6 Circuits, Natural (White)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-151048-0002-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary 1510480001-TS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-151048-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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	889056067201

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural (White)
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	4.077/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
Termination Interface: Style	Through Hole

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**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 [1510492611](#) ,  
[1512072611](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

10.0A  
600V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability

WAVE

**Material Info****Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-151048-0002-001  
PS-151048-0001-001  
SD-151048-0001-001  
1510480001-TS-000

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