

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1510482209](#)
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, Tube Packaging, Glow-Wire Capable, 2 Circuits, Red

Documents:

3D Model (PDF)	Packaging Specification PK-151048-0002-001 (PDF)
3D Model	Test Summary 1510480001-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-151048-0001-001 (PDF)	Symbol Footprint Data SYM-151048-1201-001 (PDF)
Packaging Specification PK-151048-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	151048
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
UPC	889056067294

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Red
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	Tube
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(2021)4569-DC (8
July 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 [1510492209](#) ,
[1512072209](#)

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	10.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-151048-0001-001, 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 10/11/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION