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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

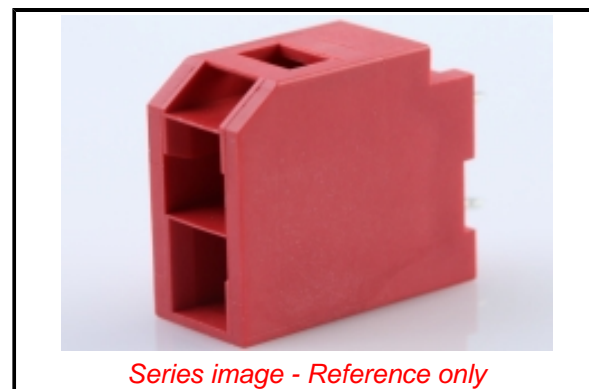
CSA	LR19980
UL	E29179

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-free Process 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

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