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Part Number: [1510482203](#)
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, Yellow

Documents:

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

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	151048
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	10.0
Comments	See Product Specification for maximum current rating by circuit size and wire AWG, See Product Specification for maximum current rating by circuit size and wire AWG
Datasheet Order No	987651-1601
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
PITCH-MATING-NUMERIC	6.50
Product Name	CP-6.5
UPC	889056066860

Physical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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 [1510492203](#) , [1512072203](#)

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

Electrical

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

Solder Process Data

Lead-free Process Capability	WAVE
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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
Test Summary	1510480001-TS-000

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