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Part Number: [1510482203](#)
Status: **Active**
Overview: [CP-6.5 Wire-to-Board Connector System](#)
Description: CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tube Packaging, 2 Circuits, Yellow

Documents:

[3D Model](#) [Product Specification PS-151048-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	151048
Application	Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	CP-6.5 Wire-to-Board Connector System
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
Glow-Wire Compliant	No
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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	10.0A
Voltage - Maximum	600V

Solder Process Data

Lead-freeProcess Capability	WAVE
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[151048](#) Series

Mates With

CP-6.5 Receptacle Housing [151049-2203](#)

Material Info

Reference - Drawing Numbers

Product Specification

PS-151048-0001, RPS-151048-0001,

RPS-151048-0002

Sales Drawing

SD-151048-0001

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