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

Documents:

[3D Model](#) [Packaging Specification PK-151048-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

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 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 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 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°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 10.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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

Green Image

ELV

Not Relevant

Search Parts in this Series

[151048](#) Series

Mates With

CP-6.5 Receptacle Housing [151049-2611](#)

Voltage - Maximum	600V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-151048-0002
Sales Drawing	SD-151048-0001

This document was generated on 07/18/2016

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