



Part Number : [1512072406](#)

Product Description : CP-6.5 Receptacle Housing, Glow-Wire Capable, 6.50mm Pitch, Dual Row, 4 Circuits, Black

Series Number : 151207

Status : Active

Product Category : Connector Housings

---

## Documents & Resources

### Drawings

[Drawing 1512072406\\_sd.pdf](#)

[Packaging Design Drawing 1512070001-PK-000.pdf](#)

### 3D Models and Design Files

[3D Model 1512072406\\_stp.zip](#)

### Specifications

[Product Specification PS-151048-0001-001.pdf](#)

[Product Specification 2034380001-PS-000.pdf](#)

[Product Specification 2035550001-PS-000.pdf](#)

[Test Summary 1512070001-TS-000.pdf](#)


[Test Summary 2034380001-TS-000.pdf](#)

[Test Summary 2035550001-TS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

Status	Active
Category	Connector Housings
Series	151207
Description	CP-6.5 Receptacle Housing, Glow-Wire Capable, 6.50mm Pitch, Dual Row, 4 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Family	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
UPC	191128439794

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon

Net Weight	1.855/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	6.50mm
Pitch - Termination Interface	6.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

### Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

---

### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tray Packaging, Glow-Wire Capable, 4 Circuits, Black	<u>1510481406</u>
CP-6.5 Plug Housing, 6.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable	<u>2034382406</u>
CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Through Hole, Tube Packaging, 4 Circuits, Black	<u>2035551114</u>
CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Through Hole, Tape and Reel Packaging, 4 Circuits, Black	<u>2035551124</u>
CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Surface Mount, Tray Packaging, 4 Circuits, Black	<u>2035552114</u>
CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Surface Mount, Tape and Reel Packaging, 4 Circuits, Black	<u>2035552124</u>

#### Use with Part(s)

Description	Part Number
-------------	-------------

CP-6.5 Terminal Position Assurance (TPA) Retainer, 2 Circuits	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/511430205.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/511430205.html</a>
CP-6.5 Female Crimp Terminals	<a href="#">50597</a>
CP-6.5 Female Crimp Terminals	<a href="#">50598</a>

---

This document was generated on Sep 16, 2024