



**Part Number :** [1510492201](#)  
**Product Description :** CP-6.5 Receptacle Housing,  
6.50mm Pitch, Dual Row, Polarized, Positive Lock, 2  
Circuits, Blue  
**Series Number :** 151049  
**Status :** Active  
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

[1510492201\\_sd.pdf](#)  
[PK-151049-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[PS-151048-0001-001.pdf](#)  
[1510480001-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

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

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Status       | Active                                                                                        |
| Category     | Connector Housings                                                                            |
| Series       | 151049                                                                                        |
| Description  | CP-6.5 Receptacle Housing, 6.50mm Pitch, Dual Row, Polarized, Positive Lock, 2 Circuits, Blue |
| Application  | Wire-to-Board                                                                                 |
| Comments     | See Product Specification for maximum current rating by circuit size and wire AWG             |
| Product Name | CP-6.5                                                                                        |
| UPC          | 889056065665                                                                                  |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Physical

|                    |       |
|--------------------|-------|
| Circuits (maximum) | 2     |
| Color - Resin      | Blue  |
| Flammability       | 94V-0 |

|                               |                |
|-------------------------------|----------------|
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBTP           |
| Net Weight                    | 1.007/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 |
|------------------------------|-----|

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## 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, 2 Circuits, Blue | <u>1510481201</u> |
| CP-6.5 Header, 6.50mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Tube Packaging, Glow-Wire Capable, 2 Circuits, Blue | <u>1510482201</u> |

### Use with Part(s)

| Description                                                  | Part Number      |
|--------------------------------------------------------------|------------------|
| CP-6.5 Wire-to-Board Crimp Terminal, Female, 22-16 AWG, Reel | <u>505978000</u> |

|                                                                    |                  |
|--------------------------------------------------------------------|------------------|
| CP-6.5 Wire-to-Board Crimp<br>Terminal, Female, 26-20 AWG,<br>Reel | <u>505988000</u> |
| CP-6.5 Terminal Position<br>Assurance (TPA) Retainer, 1<br>Circuit | <u>511430105</u> |

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