



**Part Number :** [2122100041](#)  
**Product Description :** CP-3.3 Header, 3.30mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire Capable, 4 Circuits, with Potting Capability, Black  
**Series Number :** 212210  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 2122100041\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 2122100041\\_stp.zip](#)

### Specifications

[Packaging Specification 2122109200-SPK-200.pdf](#)

[Product Specification 2122090000-PS-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

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### Part Details

#### General

|                |                                                                                                                                          |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                   |
| Category       | PCB Headers and Receptacles                                                                                                              |
| Series         | 212210                                                                                                                                   |
| Description    | CP-3.3 Header, 3.30mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire Capable, 4 Circuits, with Potting Capability, Black |
| Application    | Power, Wire-to-Board                                                                                                                     |
| Component Type | PCB Header                                                                                                                               |
| Product Family | CP Wire-to-Board and Wire-to-Wire Connector Systems                                                                                      |
| Product Name   | CP-3.3                                                                                                                                   |
| UPC            | 193264099740                                                                                                                             |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 8.5A       |
| Voltage - Maximum             | 500V AC/DC |

#### Physical

|                         |       |
|-------------------------|-------|
| Breakaway               | No    |
| Circuits (Loaded)       | 4     |
| Circuits (maximum)      | 4     |
| Color - Resin           | Black |
| 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                     | 1037.640/mg    |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tray           |
| PC Tail Length                 | 3.35mm         |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| Pitch - Mating Interface       | 3.30mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface Style    | Through Hole   |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number   |
|-------------------------------------|---------------|
| CP-3.3 Dual Row Receptacle Housings | <u>212209</u> |