



Part Number : 5046940401

Series Number : 504694

Product Category : Connector Housings

Product Description : CP-3.3 Plug Housing,  
3.30mm Pitch, Single Row, Polarized, Positive  
Inertia Lock, 4 Circuits, Black

Status : Active

Documents & Resources

Drawings  
Drawing 5046940401\_sd.pdf

3D Models and Design Files  
3D Model 5046940401\_stp.zip

Specifications  
Packaging Specification SPK-504694-001-001.pdf  
Product Specification PS-504693-001-001.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(2023)8585-DC (23 Jan 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

## Part Details

### General

|                |                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                             |
| Category       | Connector Housings                                                                                 |
| Series         | 504694                                                                                             |
| Description    | CP-3.3 Plug Housing, 3.30mm Pitch, Single Row, Polarized, Positive Inertia Lock, 4 Circuits, Black |
| Application    | Signal, Wire-to-Wire                                                                               |
| Product Family | CP Wire-to-Board and Wire-to-Wire Connector Systems                                                |
| Product Name   | CP-3.3                                                                                             |
| UPC            | 887191487755                                                                                       |

### Agency

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

### Physical

|                               |             |
|-------------------------------|-------------|
| Circuits (maximum)            | 4           |
| Color - Resin                 | Black       |
| Flammability                  | 94V-0       |
| Gender                        | Plug        |
| Glow-Wire Capable             | No          |
| Keying to Mating Part         | Yes         |
| Lock to Mating Part           | Yes         |
| Material - Resin              | PBT         |
| Net Weight                    | 1704.000/mg |
| Number of Rows                | 1           |
| Packaging Type                | Bag         |
| Panel Mount                   | No          |
| Pitch - Mating Interface      | 3.30mm      |
| Pitch - Termination Interface | 3.30mm      |
| Polarized to Mating Part      | Yes         |

|                               |                |
|-------------------------------|----------------|
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                       | Part Number       |
|-------------------------------------------------------------------------------------------------------------------|-------------------|
| CP-3.3 Receptacle Housing,<br>3.30mm Pitch, Single Row,<br>Polarized, Positive Inertia Lock, 4<br>Circuits, Black | <u>5046930401</u> |

### Use with Part(s)

| Description                                           | Part Number   |
|-------------------------------------------------------|---------------|
| CP-3.3 Terminal Position Assurance<br>(TPA) Retainers | <u>504695</u> |
| 2.50mm and 3.30mm Pitch Male<br>Crimp Terminals       | <u>50398</u>  |
| 2.50mm and 3.30mm Pitch Male<br>Crimp Terminals       | <u>505608</u> |