



**Part Number :** [988211031](#)  
**Product Description :** NSCC, Receptacle Connector  
Hybrid, Single Part, Unsealed 3 Circuits, Black  
**Series Number :** 98821  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 010301321



## Documents & Resources

### Drawings

- [988211031\\_sd.pdf](#)
- [PK-31301-635-001.pdf](#)
- [PK-31301-635-001.pdf](#)

### 3D Models and Design Files

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

### Specifications

- [AS-98821-001-001.pdf](#)
- [988210001-AS-CH-001.pdf](#)
- [988210001-PS-CH-001.pdf](#)
- [PS-98821-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant                                                                                                    |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                     |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |

|         |                           |
|---------|---------------------------|
| 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       | 98821                                                                      |
| Description  | NSCC, Receptacle Connector Hybrid, Single Part, Unsealed 3 Circuits, Black |
| Application  | Power, Wire-to-Wire                                                        |
| Product Name | NSCC                                                                       |
| UPC          | 822348760954                                                               |

### Physical

|                       |                   |
|-----------------------|-------------------|
| Breakaway             | No                |
| Circuits Detail       | 1 x 1.5 + 2 x 2.8 |
| Circuits (maximum)    | 3                 |
| Color - Resin         | Black             |
| Gender                | Receptacle        |
| Glow-Wire Capable     | No                |
| Keying to Mating Part | Yes               |

|                               |                |
|-------------------------------|----------------|
| Lock to Mating Part           | Yes            |
| Material - Resin              | Polyester      |
| Net Weight                    | 2.430/g        |
| Number of Rows                | 1              |
| Packaging Type                | Carton         |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 4.20mm, 5.00mm |
| Polarized to Mating Part      | Yes            |
| Ports                         | 1              |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +85°C  |

**Solder Process Data**

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

---

**Mates With / Use With**

**Mates with Part(s)**

|             |                                                     |
|-------------|-----------------------------------------------------|
| Description | Part Number                                         |
| Mates With  | Counterpart per Interface Drawing,<br>Contact Molex |

---

**Application Tooling**

**Global**

|                                                      |                  |
|------------------------------------------------------|------------------|
| Description                                          | Part Number      |
| Extractor Tool for Unsealed<br>Receptacle Connectors | <u>638133800</u> |