



Part Number : 2162931031

Product Description : Standard .093" Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Tin (Sn) Plating, 3 Circuits, Natural



Series Number : 216293

Status : Active

Product Category : Power and Signal Cable Assemblies

---

## Documents & Resources

### Drawings

[Drawing 2162931031\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 2162931031\\_stp.zip](#)

---

## 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)3788-DC (14 Jun 2023) |
| 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               | Power and Signal Cable Assemblies   |
| Series                 | 216293  |
| Description            | Standard .093" Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Tin (Sn) Plating, 3 Circuits, Natural |
| Application            | Power, Wire-to-Board, Wire-to-Wire  |
| Assembly Configuration | Single Ended Connector  |
| Connector to Connector | Standard 093"-to-Pigtail  |
| Product Family         | Standard .093" Pin and Socket Connectors  |
| Product Name           | Standard .093"  |
| Type                   | Discrete Wire Assembly  |
| UPC                    | 193264735907  |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 12.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

#### Physical

|                                |              |
|--------------------------------|--------------|
| Cable Length                   | 150.00mm     |
| Circuits (Loaded)              | 3            |
| Circuits (maximum)             | 3            |
| Color - Resin                  | Natural      |
| Gender                         | Male-Pigtail |
| Lock to Mating Part            | Yes          |
| Material - Metal               | Brass        |
| Material - Plating Mating      | Tin          |
| Material - Plating Termination | Tin          |
| Material - Resin               | Nylon        |

|                             |                      |
|-----------------------------|----------------------|
| Net Weight                  | 19.233/g             |
| Number of Rows              | 1                    |
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 6.70mm               |
| Plating min - Mating        | 0.508µm              |
| Plating min - Termination   | 0.508µm              |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1015              |
| Wire Insulation Diameter    | 1.65-4.06mm          |
| Wire Size (AWG)             | 14                   |

---

## Mates With / Use With

### Mates with Part(s)

| Description  | Part Number       |
|--|-------------------|
| 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing with Positive Latch, UL 94V-0, 3 Circuits                   | <u>0019091036</u> |
| 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing with Positive Latch, 94V-2, 3 Circuits                      | <u>0019091039</u> |
| 2.36mm Diameter Standard .093" Pin and Socket Receptacle Housing with Positive Latch, 94V-0, without Panel Mount, 3 Circuits | <u>0019095039</u> |
| Standard .093" Pin and Socket Vertical Headers   | <u>5219</u>       |