



Part Number : 2162901012

Series Number : 216290

Product Category : Power and Signal Cable Assemblies

Product Description : Standard .093" Female-to-Standard .093" Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin (Sn) Plating, 1 Circuit, Natural

Status : Active

## Documents & Resources

### Drawings

Drawing 2162901012\_sd.pdf

### 3D Models and Design Files

3D Model 2162901012\_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(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)

## Part Details

### General

|                        |                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                               |
| Category               | Power and Signal Cable Assemblies                                                                                                                    |
| Series                 | 216290                                                                                                                                               |
| Description            | Standard .093" Female-to-Standard .093" Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin (Sn) Plating, 1 Circuit, Natural |
| Application            | Power, Wire-to-Wire                                                                                                                                  |
| Assembly Configuration | Dual Ended Connectors                                                                                                                                |
| Connector to Connector | Standard 093"-to-Standard 093"                                                                                                                       |
| Product Family         | Standard .093" Pin and Socket Connectors                                                                                                             |
| Product Name           | Standard .093"                                                                                                                                       |
| Type                   | Discrete Wire Assembly                                                                                                                               |
| UPC                    | 193264734702                                                                                                                                         |

### Electrical

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

### Physical

|                                |               |
|--------------------------------|---------------|
| Cable Length                   | 300.00mm      |
| Circuits (Loaded)              | 1             |
| Circuits (maximum)             | 1             |
| Color - Resin                  | Natural       |
| Gender                         | Female-Female |
| Lock to Mating Part            | Yes           |
| Material - Metal               | Brass         |
| Material - Plating Mating      | Tin           |
| Material - Plating Termination | Tin           |
| Material - Resin               | Nylon         |
| Net Weight                     | 12.667/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                | No                   |
| 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 Plug Housing with Positive Latch, UL 94V-0, 1 Circuit                   | <u>19092016</u> |
| 2.36mm Diameter Standard .093" Pin and Socket Plug Housing with Positive Latch, UL 94V-0, with Panel Mount, 1 Circuit | <u>19092017</u> |
| 2.36mm Diameter Standard .093" Pin and Socket Plug Housing with Positive Latch, UL 94V-2, with Panel Mount, 1 Circuit | <u>19092018</u> |