

**Part Number :** [2162731083](#)

**Product Description :** SL Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 300.00mm Length, Tin (Sn) Plating, 8 Circuits, Black

**Series Number :** 216273

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies

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## Documents & Resources

### Drawings

[2162731083 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)


[SOLIDWORKS](#)

[Creo](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         | per SJ/T 11365-2006  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2025)4165-DC (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

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## Part Details

### General

|                        |  |
|------------------------|--|
| Status                 | Active   |
| Category               | Power and Signal Cable Assemblies  |
| Series                 | 216273   |
| Description            | SL Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 300.00mm Length, Tin (Sn) Plating, 8 Circuits, Black |
| Application            | Signal, Wire-to-Wire   |
| Assembly Configuration | Single Ended Connector   |
| Connector to Connector | SL-to-Pigtail  |
| Product Name           | SL   |
| Type                   | Discrete Wire Assembly   |
| UPC                    | 193264731725   |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 3.0A       |
| Voltage - Maximum             | 600V AC/DC |

### Physical

|                    |              |
|--------------------|--------------|
| Cable Length       | 300.00mm     |
| Circuits (Loaded)  | 8            |
| Circuits (maximum) | 8            |
| Color - Resin      | Black        |
| Gender             | Male-Pigtail |

|                                |                      |
|--------------------------------|----------------------|
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Polyester Alloy      |
| Net Weight                     | 13.620/g             |
| Number of Rows                 | 1                    |
| Overmolded                     | No                   |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 2.54mm               |
| Single Ended                   | Yes                  |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 11028             |
| Wire Size (AWG)                | 22                   |

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## Mates With / Use With

### Mates with Part(s)

| Description   | Part Number  |
|---|--------------|
| SL Single Row Crimp Housings and CPA Retainers                    | <u>70066</u> |
| SL Single Row Female Insulation Displacement Connector Assemblies | <u>70400</u> |
| SL Single Row Female Receptacles                                  | <u>70430</u> |