



**Part Number :** [2162701064](#)  
**Product Description :** SL Female-to-SL Female Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 600.00mm Length, Tin (Sn) Plating, 6 Circuits, Black  
**Series Number :** 216270  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

[2162701064 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## 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)7771-DC (04 Feb 2026)                                                          |
| 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                 | 216270                                                                                                                                     |
| Description            | SL Female-to-SL Female Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 600.00mm Length, Tin (Sn) Plating, 6 Circuits, Black |
| Application            | Signal, Wire-to-Board, Wire-to-Wire                                                                                                        |
| Assembly Configuration | Dual Ended Connectors                                                                                                                      |
| Connector to Connector | SL-to-SL                                                                                                                                   |
| Product Name           | SL                                                                                                                                         |
| Type                   | Discrete Wire Assembly                                                                                                                     |
| UPC                    | 193264730780                                                                                                                               |

### Electrical

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

### Physical

|                   |          |
|-------------------|----------|
| Cable Length      | 600.00mm |
| Circuits (Loaded) | 6        |

|                                |                      |
|--------------------------------|----------------------|
| Circuits (maximum)             | 6                    |
| Color - Resin                  | Black                |
| Gender                         | Female-Female        |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Polyester            |
| Net Weight                     | 18.817/g             |
| Number of Rows                 | 1                    |
| Overmolded                     | No                   |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 2.54mm               |
| Single Ended                   | No                   |
| 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 Housing Panel Mounts              | <a href="#"><u>70018</u></a> |
| SL Single Row Crimp Housings                    | <a href="#"><u>70107</u></a> |
| SL Vertical Single Row Headers                  | <a href="#"><u>70541</u></a> |
| SL Vertical Single Row Headers                  | <a href="#"><u>70543</u></a> |
| SL Vertical Single Row Headers                  | <a href="#"><u>70545</u></a> |
| SL Vertical, Single Row, Surface Mount Headers  | <a href="#"><u>74099</u></a> |
| SL Right-Angle Single Row Headers               | <a href="#"><u>70551</u></a> |
| SL Right-Angle, Single Row, Low Profile Headers | <a href="#"><u>70553</u></a> |
| SL Right-Angle Single Row Headers               | <a href="#"><u>70555</u></a> |

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|-------------------------------------------------------------------|--------------|
| SL Right-Angle, Single Row, Low<br>Profile, Surface Mount Headers | <u>70634</u> |
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