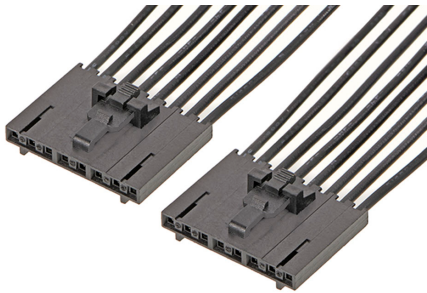




**Part Number :** [2162701083](#)  
**Product Description :** SL Female-to-SL Female  
Off-the-Shelf (OTS) Cable Assembly, Positive  
Lock, Single Row, 300.00mm Length, Tin (Sn)  
Plating, 8 Circuits, Black  
**Series Number :** 216270  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2162701083\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 2162701083\\_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

## 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, 300.00mm Length, Tin (Sn) Plating, 8 Circuits, Black |
| Application            | Signal, Wire-to-Board, Wire-to-Wire                                                                                                        |
| Assembly Configuration | Dual Ended Connectors                                                                                                                      |
| Connector to Connector | SL-to-SL                                                                                                                                   |
| Product Family         | SL Modular Connectors                                                                                                                      |
| Product Name           | SL                                                                                                                                         |
| Type                   | Discrete Wire Assembly                                                                                                                     |
| UPC                    | 193264730827                                                                                                                               |

### 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                         | Female-Female   |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester Alloy |

|                             |                      |
|-----------------------------|----------------------|
| Net Weight                  | 13.809/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 Insulation Diameter    | 1.63mm max.          |
| 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                             | <u>70018</u> |
| SL Single Row Crimp Housings                                   | <u>70107</u> |
| SL Vertical Single Row Headers                                 | <u>70541</u> |
| SL Vertical Single Row Headers                                 | <u>70543</u> |
| SL Vertical Single Row Headers                                 | <u>70545</u> |
| SL Vertical, Single Row, Surface Mount Headers                 | <u>74099</u> |
| SL Right-Angle Single Row Headers                              | <u>70551</u> |
| SL Right-Angle, Single Row, Low Profile Headers                | <u>70553</u> |
| SL Right-Angle Single Row Headers                              | <u>70555</u> |
| SL Right-Angle, Single Row, Low Profile, Surface Mount Headers | <u>70634</u> |