



Part Number : 2162701061

Product Description : SL Female-to-SL Female Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 100.00mm Length, Tin (Sn) Plating, 6 Circuits, Black

Series Number : 216270

Status : Active

Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings


Drawing 2162701061_sd.pdf

3D Models and Design Files

3D Model 2162701061_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 | 216270 |
| Description | SL Female-to-SL Female Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 100.00mm 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 Family | SL Modular Connectors |
| Product Name | SL |
| Type | Discrete Wire Assembly |
| UPC | 193264730759 |

Electrical

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

Physical

| | |
|--------------------------------|-----------------|
| Cable Length | 100.00mm |
| 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 Alloy |
| Net Weight | 5.317/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 |

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> |