



Part Number : [2162701050](#)
Product Description : SL Female-to-SL Female
Off-the-Shelf (OTS) Cable Assembly, Positive
Lock, Single Row, 50.00mm Length, Tin (Sn)
Plating, 5 Circuits, Black
Series Number : 216270
Status : Active
Product Category : Power and Signal Cable
Assemblies



Documents & Resources

Drawings
[Drawing 2162701050_sd.pdf](#)

3D Models and Design Files
[3D Model 2162701050_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, 50.00mm Length, Tin (Sn) Plating, 5 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	193264730698

Electrical

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

Physical

Cable Length	50.00mm
Circuits (Loaded)	5
Circuits (maximum)	5
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	3.346/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>