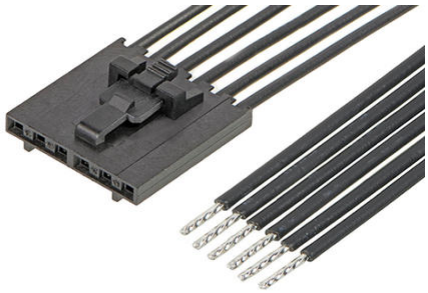
molex



Part Number : 2162711080
Product Description : SL Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Black
Series Number : 216271
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

2162711080_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

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	216271
Description	SL Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Positive Lock, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	SL-to-Pigtail
Product Name	SL
Type	Discrete Wire Assembly
UPC	193264731091

Electrical

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

Physical

Cable Length	50.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black

Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	3.485/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
SL Single Row Housing Panel Mounts	70018
SL Single Row Crimp Housings	70107
SL Vertical Single Row Headers	70541
SL Vertical Single Row Headers	70543
SL Vertical Single Row Headers	70545
SL Vertical, Single Row, Surface Mount Headers	74099
SL Right-Angle Single Row Headers	70551
SL Right-Angle, Single Row, Low Profile Headers	70553
SL Right-Angle Single Row Headers	70555
SL Right-Angle, Single Row, Low Profile, Surface Mount Headers	70634