molex



**Part Number :** 2162801023
**Product Description :** MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black
**Series Number :** 216280
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

## Documents & Resources

### Drawings

2162801023_sd.pdf

2162801021-001.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 | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxane; Octamethylcyclotetrasiloxane per D(2024)7663-DC (21 Jan 2025) |
| 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 | 216280 |
| Description | MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black |
| Application | Power, Wire-to-Board, Wire-to-Wire, Automotive |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | MX150-to-MX150 |
| Product Name | MX150 |
| Type | Discrete Wire Assembly, Sealed Assembly |
| UPC | 193264714315 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 22.0A |
| Voltage - Maximum | 14V DC |

### Physical

| | |
|---|---|
| Cable Length | 600.00mm |

| | |
|---|---|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | SPS/Nylon |
| Net Weight | 394.600/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.50mm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | TXL |
| Wire Size (AWG) | 14 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| MX150 Mat-Sealed Single Row Male Connector Assemblies | 33481 |