



**Part Number :** [2162821023](#)  
**Product Description :** MX150 Male-to-MX150 Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black  
**Series Number :** 216282  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2162821023\\_sd.pdf](#)  
[Packaging Design Drawing 2162801021-001.pdf](#)

**3D Models and Design Files**  
[3D Model 2162821023\\_stp.zip](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | 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)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                        |
| Category               | Power and Signal Cable Assemblies                                                                                             |
| Series                 | 216282                                                                                                                        |
| Description            | MX150 Male-to-MX150 Male 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 Family         | MX150 Sealed and Unsealed Connector System                                                                                    |
| Product Name           | MX150                                                                                                                         |
| Type                   | Discrete Wire Assembly, Sealed Assembly                                                                                       |
| UPC                    | 193264714438                                                                                                                  |

#### 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                    | Male-Male                    |
| 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                     | 393.700/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 Stranded         |
| Wire Insulation Diameter       | 2.70mm max.          |
| Wire Size (AWG)                | 14                   |

---

### Mates With / Use With

#### Mates with Part(s)

|                                                         |              |
|---------------------------------------------------------|--------------|
| Description                                             | Part Number  |
| MX150 Mat-Sealed Single Row Female Connector Assemblies | <u>33471</u> |