



**Part Number :** [2162851043](#)  
**Product Description :** MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Tin (Sn) Plating, 4 Circuits, Black  
**Series Number :** 216285  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2162851043\\_sd.pdf](#)  
[Packaging Design Drawing 2162801021-001.pdf](#)

**3D Models and Design Files**  
[3D Model 2162851043\\_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         | Contains<br>Dodecamethylcyclohexasiloxane;<br>Decamethylcyclopentasiloxane;<br>Octamethylcyclotetrasiloxane per<br>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

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### Part Details

#### General

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                          |
| Category               | Power and Signal Cable Assemblies                                                                                               |
| Series                 | 216285                                                                                                                          |
| Description            | MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Tin (Sn) Plating, 4 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                    | 193264714551                                                                                                                    |

#### Electrical

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

#### Physical

|                     |                              |
|---------------------|------------------------------|
| Cable Length        | 600.00mm                     |
| Circuits (Loaded)   | 4                            |
| Circuits (maximum)  | 4                            |
| 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                     | 779.400/g            |
| Number of Rows                 | 2                    |
| 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                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                         | Part Number  |
|-----------------------------------------------------|--------------|
| MX150 Mat-Sealed Dual Row Male Connector Assemblies | <u>33482</u> |