



**Part Number :** [2162851042](#)

**Product Description :** MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 4 Circuits, Black

**Series Number :** 216285

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



---

## Documents & Resources

### Drawings

[Drawing 2162851042\\_sd.pdf](#)

[Packaging Design Drawing 2162801021-001.pdf](#)


### 3D Models and Design Files

[3D Model 2162851042\\_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

---

## 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, 300.00mm 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                    | 193264714544  |

### Electrical

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

### Physical

|                     |                              |
|---------------------|------------------------------|
| Cable Length        | 300.00mm                     |
| 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                     | 423.600/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                   |

---

## Mates With / Use With

### Mates with Part(s)

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