



Part Number : 2162851061

Series Number : 216285

Product Category : Power and Signal Cable Assemblies

Product Description : MX150 Female-to-MX150 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 6 Circuits, Black

Status : Active

## Documents & Resources

### Drawings

Drawing 2162851061\_sd.pdf  
Packaging Design Drawing 2162801021-001.pdf

### 3D Models and Design Files

3D Model 2162851061\_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)

## 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, 150.00mm Length, Tin (Sn) Plating, 6 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                    | 193264714568                                                                                                                    |

### Electrical

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

### Physical

|                                |                              |
|--------------------------------|------------------------------|
| Cable Length                   | 150.00mm                     |
| Circuits (Loaded)              | 6                            |
| Circuits (maximum)             | 6                            |
| 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                  | 362.500/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> |

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