molex



**Part Number :** 2153121043
**Product Description :** Mizu-P25 Male-to-Mizu-P25 Male Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 600.00mm Length, Tin (Sn) Plating, 4 Circuits, Black
**Series Number :** 215312
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

## Documents & Resources

### Drawings

2153121043_sd.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 | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| 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 | 215312 |
| Description | Mizu-P25 Male-to-Mizu-P25 Male Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 600.00mm Length, Tin (Sn) Plating, 4 Circuits, Black |
| Application | Signal, Wire-to-Wire |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Mizu-P25-to-Mizu-P25 |
| Product Name | Mizu-P25 Waterproof |
| Type | Discrete Wire Assembly, Sealed Assembly |
| UPC | 193264682652 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 125V |

### Physical

| | |
|---|---|
| Cable Length | 600.00mm |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |

| | |
|---|---|
| Color - Resin | Black |
| Gender | Male-Male |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Resin | Polyester |
| Net Weight | 19.390/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.50mm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | PVC |
| Wire Size (AWG) | 20, 22 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mizu-P25 Waterproof Receptacle Housings | 52213 |