



Part Number : [2153101023](#)

Product Description : Mizu-P25 Female-to-Mizu-P25 Female Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black

Series Number : 215310

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings

[Drawing 2153101023_sd.pdf](#)

3D Models and Design Files

[3D Model 2153101023_stp.zip](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not 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 | 215310 |
| Description | Mizu-P25 Female-to-Mizu-P25 Female Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black |
| Application | Signal, Wire-to-Wire |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Mizu-P25-to-Mizu-P25 |
| Product Family | Mizu Sealed Connectors |
| Product Name | Mizu-P25 Waterproof |
| Type | Discrete Wire Assembly, Sealed Assembly |
| UPC | 193264682416 |

Electrical

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

Physical

| | |
|---------------------------|-----------------|
| Cable Length | 600.00mm |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |

| | |
|-----------------------------|----------------------|
| Material - Resin | Polyester |
| Net Weight | 6.900/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 Insulation Diameter | 1.40-1.90mm |
| Wire Size (AWG) | 20, 22 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-----------------------------------|--------------|
| Mizu-P25 Waterproof Plug Housings | <u>52266</u> |