



**Part Number :** [2153101043](#)  
**Product Description :** Mizu-P25 Female-to-Mizu-P25 Female Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 600.00mm Pitch, Tin (Sn) Plating, 4 Circuits, Black  
**Series Number :** 215310  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies




Documents & Resources

**Drawings**  
[Drawing 2153101043\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 2153101043\\_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(2023)3788-DC (14 Jun 2023)
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 Pitch, 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 Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof
Type	Discrete Wire Assembly, Sealed Assembly
UPC	193264682478

#### 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	Female-Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin

Material - Resin	Polyester
Net Weight	18.583/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>