



Part Number : 2153101042

Product Description : Mizu-P25 Female-to-Mizu-P25 Female Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 300.00mm Length, Tin (Sn) Plating, 4 Circuits, Black

Series Number : 215310

Status : Active

Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

Drawing 2153101042_sd.pdf

3D Models and Design Files

3D Model 2153101042_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)

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, 300.00mm 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 Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof
Type	Discrete Wire Assembly, Sealed Assembly
UPC	193264682461

Electrical

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

Physical

Cable Length	300.00mm
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	10.927/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>