molex



Part Number : 2153111022
Product Description : Mizu-P25 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 300.00mm Length, Tin (Sn) Plating, 2 Circuits, Black
Series Number : 215311
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

2153111022_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(2025)4165-DC (25 June 2025)
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

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	215311
Description	Mizu-P25 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.50mm Pitch, Waterproof, Single Row, 300.00mm Length, Tin (Sn) Plating, 2 Circuits, Black
Application	Signal, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	Mizu-P25-to-Pigtail
Product Name	Mizu-P25 Waterproof
Type	Discrete Wire Assembly, Sealed Assembly
UPC	193264682492

Electrical

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

Physical

Cable Length	300.00mm
Circuits (Loaded)	2
Circuits (maximum)	2

Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	8.900/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Single Ended	Yes
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 Plug Housings	52266