



**Part Number :** 522130411

**Product Description :** Mizu-P25 2.50mm Pitch  
Waterproof Wire-to-Wire Receptacle Housing, 4  
Circuits, Black



**Series Number :** 52213

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

522130411\_sd.pdf

### 3D Models and Design Files

522130411\_stp.zip

### Specifications

522130000-AS-000.pdf

AS-52213-001-001.pdf

AS-52213-001-JP-001.pdf

PK-52213-001-001.pdf

522130000-PS-000.pdf

PS-52213-003-001.pdf

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	Compliant per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 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

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## **Part Details**

### **General**

Status	Active
Category	Connector Housings
Series	52213
Description	Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 4 Circuits, Black
Application	Signal, Wire-to-Wire
Comments	See Product Specification for maximum current rating by wire AWG
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	889056904131

### **Agency**

UL	E29179
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### **Physical**

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle

Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	0.763/g
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.50mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

Description	Part Number
Mizu-P25 Female Crimp Terminals	<u>50148</u>