



Part Number : [522130211](#)

Product Description : Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 2 Circuits, Black

Series Number : 52213

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 522130211\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 522130211\\_stp.zip](#)

### Specifications

[Application Specification 522130000-AS-000.pdf](#)

[Application Specification AS-52213-001-001.pdf](#)

[Packaging Specification PK-52213-001-001.pdf](#)


[Product Specification 522130000-PS-000.pdf](#)

[Product Specification PS-52213-003-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	
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)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

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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, 2 Circuits, Black
Application	Signal, Wire-to-Wire
Comments	See Product Specification for maximum current rating by wire AWG
Product Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800754376945

### Agency

UL	E29179
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### Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	451.300/mg
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>

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### Application Tooling

#### Global

Description	Part Number
Sealing Cap Hand Tool	<u>622024400</u>

#### Application Tooling

#### Japan

Description	Part Number
Sealing Cap Attachment Tool	<u>571716000</u>