



**Part Number :** [521170243](#)

**Product Description :** Mizu-P25 5.00mm Pitch  
Waterproof Wire-to-Wire Receptacle Housing for AVSS  
0.3, 2 Circuits

**Series Number :** 52117

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[521170243\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-52117-001-001.pdf](#)

[AS-52117-001-JP-001.pdf](#)


[521170000-P00.pdf](#)

[PS-52117-007-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	 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(2025)7771-DC (04 Feb 2026)
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	52117
Description	Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Receptacle Housing for AVSS 0.3, 2 Circuits
Application	Signal, Wire-to-Wire
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	883906527495

### Agency

UL	E29179
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### Physical

Circuits (maximum)	2
Color - Resin	White
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes

Material - Resin	Polyester
Net Weight	0.842/g
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	5.00mm
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>52116</u>

#### Use with Part(s)

Description	Part Number
Mizu-P25 Female Crimp Terminals	<u>50039</u>

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### Application Tooling

#### Global

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

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