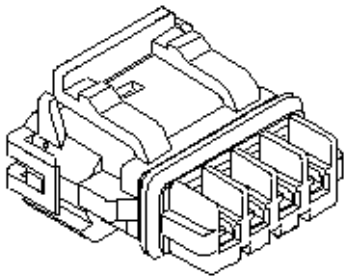




**Part Number :** [521170341](#)  
**Product Description :** Mizu-P25 2.50mm Pitch  
Waterproof Wire-to-Wire Receptacle Housing,  
3 Circuits, Black  
**Series Number :** 52117  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[521170341\\_sd.pdf](#)

**3D Models and Design Files**  
[521170341\\_stp.zip](#)

**Specifications**  
[AS-52117-001-001.pdf](#)  
[521170000-P00.pdf](#)  
[PS-52117-007-001.pdf](#)

## 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	52117
Description	Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 3 Circuits, Black
Application	Signal, Wire-to-Wire
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800753693111

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	3
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	846.900/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>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>

Application Tooling

Japan

Description	Part Number
Sealing Cap Attachment Tool	<u>571316000</u>