

Part Number : [521170241](#)

Product Description : Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 5.00mm Pitch, 2 Circuits, Black

Series Number : 52117

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[521170241_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](#)

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

Part Details

General

Status	Active
Category	Connector Housings
Series	52117
Description	Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 5.00mm Pitch, 2 Circuits, Black
Application	Wire-to-Wire
Component Type	Housing
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800754368636

Agency

UL	E29179
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Physical

Circuits (maximum)	2
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	824.900/mg

Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	5.00mm
Sealed	Sealed
Stackable	No
Temperature Range - Operating	-40° to +105°C
Terminal Size	1.3

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>

Application Tooling

Global

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

Japan

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

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