



Part Number : [521160241](#)

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

Series Number : 52116

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[521160241_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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


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

[521160000-P00.pdf](#)

[PS-52116-001-001.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)6375-DC (05 Nov 2025) SCIP:
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	52116
Description	Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Plug Housing , 2 Circuits, Black
Application	Signal, Wire-to-Wire
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800754368490

Agency

UL	E29179
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Physical

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

Material - Resin	Polyester
Net Weight	1543.500/mg
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 Receptacle Housings	<u>52117</u>

Use with Part(s)

Description	Part Number
Mizu-P25 Male Crimp Terminals	<u>50038</u>

Application Tooling

Global

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

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