



Part Number : 521160241

Series Number : 52116

Product Category : Connector Housings

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


Status : Active

Documents & Resources

- Drawings
- [Drawing 521160241\\_sd.pdf](#)
- 3D Models and Design Files
- [3D Model 521160241\\_stp.zip](#)
- Specifications
- [Application Specification AS-52117-001-001.pdf](#)
- [Packaging Specification 521160000-P00.pdf](#)
- [Product Specification PS-52116-001-001.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(2023)8585-DC (23 Jan 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	52116
Description	Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Plug Housing , 2 Circuits, Black
Application	Signal, Wire-to-Wire
Product Family	Mizu Sealed Connectors
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>

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Application Tooling

Global

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