



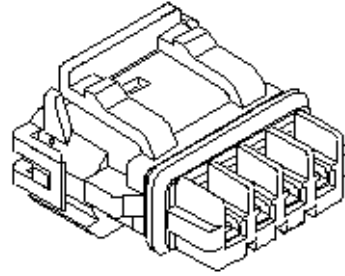
Part Number : [521170241](#)

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

Series Number : 52117

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[Drawing 521170241_sd.pdf](#)

3D Models and Design Files

[3D Model 521170241_stp.zip](#)

Specifications


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

[Packaging Specification 521170000-P00.pdf](#)

[Product Specification 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(2023)3788-DC (14 Jun 2023)
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

Part Details

General

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

Agency

UL	E29179
----	--------

Electrical

Current - Maximum per Contact	3.0A
-------------------------------	------

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
Stackable	No
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

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>0622024400</u>

Application Tooling

Japan

Description	Part Number
Sealing Cap Attachment Tool	<u>0571316000</u>

This document was generated on Dec 11, 2023