



Part Number : 521170241

Series Number : 52117

Product Category : Connector Housings

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

Status : Active

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(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

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
----	--------

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>622024400</u>

Application Tooling

Japan

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