



Part Number : [522660311](#)

Product Description : Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Plug Housing, 3 Circuits,Black

Series Number : 52266

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

[Drawing 522660311_sd.pdf](#)

3D Models and Design Files

[3D Model 522660311_stp.zip](#)

Specifications

[Application Specification 522130000-AS-000.pdf](#)

[Application Specification AS-52213-001-001.pdf](#)


[Packaging Specification PK-52266-001-001.pdf](#)

[Product Specification PS-52213-003-001.pdf](#)

[Product Specification 522130000-PS-000.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	52266
Description	Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Plug Housing, 3 Circuits,Black
Application	Signal, Wire-to-Wire
Comments	See Product Specification for maximum current rating by wire AWG
Product Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800754378802

Agency

UL	E29179
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Physical

Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	1189.100/mg
Number of Rows	1
Packaging Type	Tray
Panel Mount	No

Pitch - Mating Interface	2.50mm
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>52213</u>
Mizu-P25 Female-to-Mizu-P25 Female Off-the-Shelf (OTS) Cable Assemblies	<u>215310</u>

Use with Part(s)

Description	Part Number
Mizu-P25 Male Crimp Terminals	<u>50147</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>571476000</u>
Sealing Cap Attachment Tool	<u>571706000</u>