



Part Number : [522130311](#)
Product Description : Mizu-P25 2.50mm Pitch
Waterproof Wire-to-Wire Receptacle Housing,
3 Circuits, Black
Series Number : 52213
Status : Active
Product Category : Connector Housings



Documents & Resources


Drawings
[Drawing 522130311_sd.pdf](#)

3D Models and Design Files
[3D Model 522130311_stp.zip](#)

Specifications
[Application Specification 522130000-AS-000.pdf](#)
[Application Specification AS-52213-001-001.pdf](#)
[Packaging Specification PK-52213-001-001.pdf](#)
[Product Specification 522130000-PS-000.pdf](#)
[Product Specification PS-52213-003-001.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	52213
Description	Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Receptacle 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	800754376990

Agency

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

Physical

Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	762.600/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
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mizu-P25 Waterproof Plug Housings	<u>52266</u>

Use with Part(s)

Description	Part Number
Mizu-P25 Female Crimp Terminals	<u>50148</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>571486000</u>
Sealing Cap Attachment Tool	<u>571716000</u>