



**Part Number :** [522130211](#)

**Product Description :** Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 2.50mm Pitch, 2 Circuits, Black

**Series Number :** 52213

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[522130211\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

[AS-52213-001-JP-001.pdf](#)

[PK-52213-001-001.pdf](#)


[522130000-PS-000.pdf](#)

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

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant   |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)  |

|         |                           |
|---------|---------------------------|
| EU RoHS | Compliant per EU 2015/863 |
|---------|---------------------------|

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Connector Housings   |
| Series       | 52213  |
| Description  | Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 2.50mm Pitch, 2 Circuits, Black |
| Application  | Wire-to-Wire   |
| Comments     | See Product Specification for maximum current rating by wire AWG                     |
| Product Name | Mizu-P25 Waterproof, Splash Proof  |
| UPC          | 800754376945   |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Physical

|                    |   |
|--------------------|---|
| Circuits (maximum) | 2 |
|--------------------|---|

|                               |                |
|-------------------------------|----------------|
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Polyester      |
| Net Weight                    | 451.300/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 Plug Housings | <a href="#">52266</a> |

#### Use with Part(s)

| Description                     | Part Number           |
|---------------------------------|-----------------------|
| Mizu-P25 Female Crimp Terminals | <a href="#">50148</a> |

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### Application Tooling

#### Global

| Description           | Part Number               |
|-----------------------|---------------------------|
| Sealing Cap Hand Tool | <a href="#">622024400</a> |

## Japan

| Description                 | Part Number      |
|-----------------------------|------------------|
| Sealing Cap Attachment Tool | <u>571716000</u> |

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