



Part Number : 522660211

Series Number : 52266

Product Category : Connector Housings

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

Status : Active

Documents & Resources

Drawings  
Drawing 522660211\_sd.pdf

3D Models and Design Files  
3D Model 522660211\_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 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

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### Part Details

#### General

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| Status         | Active                                                                 |
| Category       | Connector Housings                                                     |
| Series         | 52266                                                                  |
| Description    | Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Plug Housing, 2 Circuits |
| Application    | Signal, Wire-to-Wire                                                   |
| Comments       | See Product Specification for maximum current rating by wire A         |
| Product Family | Mizu Sealed Connectors                                                 |
| Product Name   | Mizu-P25 Waterproof,Splash Proof                                       |
| UPC            | 800754378765                                                           |

#### Agency

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

#### Physical

|                     |            |
|---------------------|------------|
| Circuits (maximum)  | 2          |
| Color - Resin       | Black      |
| Flammability        | 94V-0      |
| Gender              | Plug       |
| Glow-Wire Capable   | No         |
| Lock to Mating Part | Yes        |
| Material - Resin    | Polyester  |
| Net Weight          | 852.700/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> |

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## 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> |