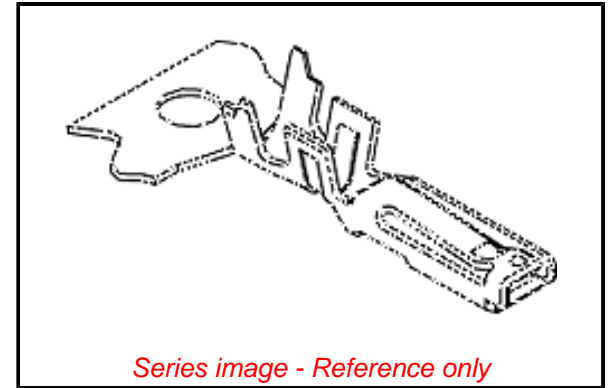


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0501488100**  
**Status:** **Active**  
**Overview:** Mizu Sealed Connectors  
**Description:** 2.50mm Pitch Mizu-P25 Crimp Terminal, 50148, Bag

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Application Specification AS-52213-001-001 (PDF)</a>    |
| <a href="#">Product Specification 522130000-PS-000 (PDF)</a>     | <a href="#">Application Specification AS-52213-001-JP-001 (PDF)</a> |
| <a href="#">Product Specification PS-52213-003-001 (PDF)</a>     | <a href="#">Packaging Specification PK-50148-003-001 (PDF)</a>      |
| <a href="#">Application Specification 522130000-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>                |
| <a href="#">Application Specification AS-50147-001-001 (PDF)</a> |   |



**General**

|                         |                        |
|-------------------------|------------------------|
| Product Family          | Crimp Terminals        |
| Series                  | 50148                  |
| Application             | Signal, Wire-to-Wire   |
| Crimp Quality Equipment | Yes                    |
| Overview                | Mizu Sealed Connectors |
| Packaging Alternative   | 501488000 (Reel)       |
| Product Name            | Mizu-P25 Waterproof    |
| UPC                     | 800753347649           |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 62.200/mg            |
| Packaging Type                 | Bag                  |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.40-1.90mm          |
| Wire Size AWG                  | 20, 22               |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 125V |
|-------------------|------|

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 522130000-AS-000, AS-50147-001-001, AS-52213-001-001, AS-52213-001-JP-001 |
| Packaging Specification   | PK-50148-003-001  |
| Product Specification     | 522130000-PS-000, PS-52213-003-001  |
| Sales Drawing             | SD-50148-001-001  |

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

50148 Series

**Use With**

Mizu-P25 2.50mm Pitch Waterproof  
Receptacle Housing [52213](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

PremiumGrade [638118600](#)

Hand Crimp Tool

for 2.50mm Splash

Proof Terminals,

20-22 AWG

(AVSS and CAVS

0.50-0.30mm)

Extraction and

[638132700](#)

Activation Tool

This document was generated on 01/03/2022

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