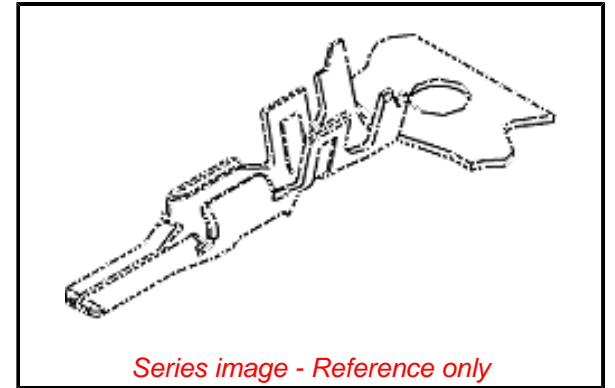


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0501478000**  
**Status:** **Active**  
**Overview:** Mizu-P25 Miniature Waterproof Connectors  
**Description:** 2.50mm Pitch Mizu-P25 Crimp Terminal, 50147, Reel

**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-50147-001 (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	50147
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mizu-P25 Miniature Waterproof Connectors
Packaging Alternative	501478100 (Loose)
Product Name	Mizu-P25 Waterproof
UPC	800754369374

**Physical**

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	86.400/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40-1.70mm
Wire Size AWG	20, 22
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Solder Process Data**

Lead-freeProcess 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-50147-001
Product Specification	522130000-PS-000, PS-52213-003-001
Sales Drawing	SD-50147-001

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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**

50147 Series

**Use With**

Mizu-P25 2.50mm Pitch Waterproof Plug Housing [52266](#)

**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 #
-------------	-----------

Hand Crimp Tool	<a href="#">638118600</a>
-----------------	---------------------------

Extraction and	<a href="#">638132700</a>
----------------	---------------------------

Activation Tool

FineAdjust Applicator	<a href="#">639020500</a>
-----------------------	---------------------------

for 2.5 Mini Splash

Proof Crimp Terminal

T2 Terminator	<a href="#">639120500</a>
---------------	---------------------------

for. Splash Proof

Wire-to-Wire Crimp

Terminal

**Japan****Description****Product #**

Applicator for M211A Bench Press	<u>571443000</u>
S-1 Applicator for Mizu-P25 Mini Waterproof Terminals	<u>571443700</u>

This document was generated on 10/22/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[50147-8000](#) [50147-8000 \(Mouser Reel\)](#) [50147-8000 \(Cut Strip\)](#)