

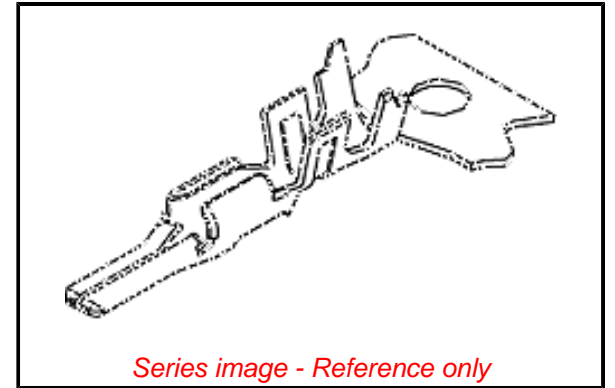
This document was generated on 02/08/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Application Specification AS-52213-001-001 (PDF)
Product Specification 522130000-PS-000 (PDF)	Application Specification AS-52213-001-JP-001 (PDF)
Product Specification PS-52213-003-001 (PDF)	Packaging Specification PK-50147-001-001 (PDF)
Application Specification 522130000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-50147-001-001 (PDF)	



General

Product Family	Crimp Terminals
Series	50147
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mizu Sealed 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 ²	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-50147-001-001
Product Specification	522130000-PS-000, PS-52213-003-001
Sales Drawing	SD-50147-001-001

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

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 #

PremiumGrade [638118600](#)

Hand Crimp Tool

for 2.50mm Splash

Proof Terminals,

20-22 AWG

(AVSS and CAVS

0.50-0.30mm)

Extraction and

Activation Tool

[638132700](#)

T2 Terminator 639120500
for. Splash Proof
Wire-to-Wire Crimp
Terminal

Japan

Description **Product #**

Applicator for M211A 571443000

Bench Press

S-1 Applicator 571443700

for Mizu-P25

Mini Waterproof

Terminals

This document was generated on 02/08/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[50147-8000](#)