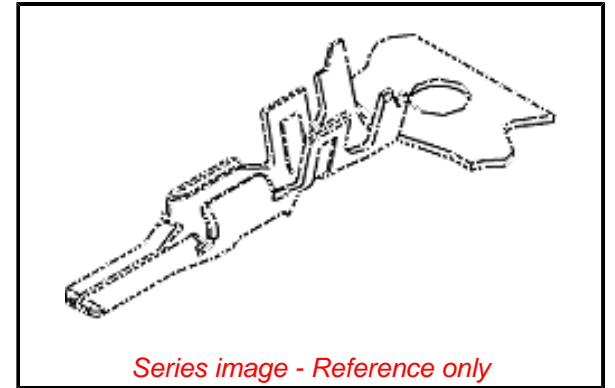


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0501478100**  
**Status:** **Active**  
**Overview:** Mizu Sealed Connectors  
**Description:** 2.50mm Pitch Mizu-P25 Crimp Terminal, 50147, 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-50147-002-001 (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 Sealed Connectors
Packaging Alternative	501478000 (Reel)
Product Name	Mizu-P25 Waterproof
Taxonomy	Crimp Terminals
UPC	800753347625

**Physical**

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	55.800/mg
Packaging Type	Bag
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
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**Solder Process Data**

Lead-freeProcess Capability	N/A
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**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-50147-002-001
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(2022)4187-DC (10  
June 2022)

**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 #**

FineAdjust Applicator for 2.5 Mini Waterproof Wire-to-Wire Crimp Terminals, 20-22 AWG	<a href="#">2037024800</a>
PremiumGrade Hand Crimp Tool for 2.50mm Splash Proof Terminals,	<a href="#">638118600</a>

20-22 AWG  
(AVSS and CAVS  
0.50-0.30mm)  
Extraction and  
Activation Tool 638132700

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