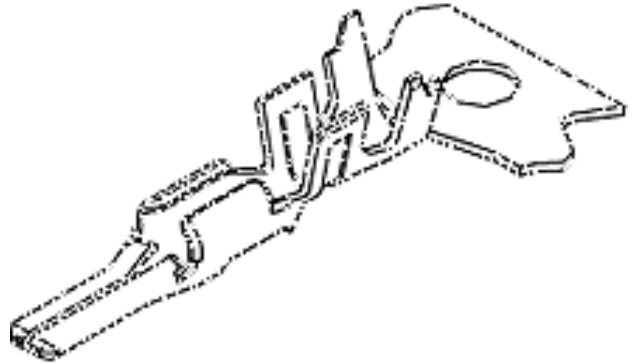




Part Number : [501478000](#)  
Product Description : [2.50mm Pitch Mizu-P25 Crimp Terminal, 50147, Reel](#)  
Series Number : [50147](#)  
Status : Active  
Product Category : Crimp Terminals  
Packaging Alternative : [501478100 \(Bag\)](#)



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## Documents & Resources

### Drawings

[Drawing 501478000\\_sd.pdf](#)

### Specifications

[Application Specification AS-50147-001-001.pdf](#)  
[Application Specification 522130000-AS-000.pdf](#)  
[Application Specification AS-52213-001-001.pdf](#)  
[Packaging Specification PK-50147-001-001.pdf](#)  
[Product Specification 522130000-PS-000.pdf](#)  
[Product Specification PS-52213-003-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	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	Crimp Terminals
Series	50147
Description	2.50mm Pitch Mizu-P25 Crimp Terminal, 50147, Reel
Application	Signal, Wire-to-Wire
Product Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof
UPC	800754369374

#### Electrical

Voltage - Maximum	125V
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#### 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

#### Solder Process Data

Lead-Free Process Capability	N/A
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### Use with Part(s)

Description	Part Number
Mizu-P25 Waterproof Plug Housings	<u>52266</u>

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### Application Tooling

#### Global

Description	Part Number
FineAdjust Applicator for 2.5 Mini Waterproof Wire-to-Wire Crimp Terminals, 20-22 AWG	<u>2037024800</u>
PremiumGrade Hand Crimp Tool for 2.50mm Splash Proof Terminals, 20-22 AWG (AVSS and CAVS 0.50-0.30mm)	<u>638118600</u>
Extraction and Activation Tool	<u>638132700</u>
T2 Terminator for. Splash Proof Wire-to-Wire Crimp Terminal	<u>639120500</u>

### Application Tooling

#### Japan

Description	Part Number
S-1 Applicator for Mizu-P25 Mini Waterproof Terminals	<u>571443700</u>

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