



Part Number : [501488000](#)

Series Number : 50148

Product Category : Crimp Terminals

Product Description : 2.50mm Pitch Mizu-P25 Crimp Terminal, 50148, Reel

Status : Active

Packaging Alternative : 501488100 (Bag)

Documents & Resources

Drawings

[Drawing 501488000_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-50148-002-001.pdf](#)

[Product Specification 522130000-PS-000.pdf](#)

[Product Specification PS-52213-003-001.pdf](#)

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(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50148
Description	2.50mm Pitch Mizu-P25 Crimp Terminal, 50148, Reel
Application	Signal, Wire-to-Wire
Product Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof
UPC	800754369398

Electrical

Voltage - Maximum	125V
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Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	90.400/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-1.90mm
Wire Size (AWG)	20, 22
Wire Size mm ²	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 Receptacle Housings	<u>52213</u>

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>