



Part Number : [501488000](#)
Product Description : Mizu-P25 Female Crimp
Terminal, 2.50mm Pitch, 22-20 AWG, Reel
Series Number : 50148
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [501488100](#) (Bag)



Documents and Resources

Drawings

- [501488000 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [AS-50147-001-001.pdf](#)
- [522130000-AS-000.pdf](#)
- [AS-52213-001-001.pdf](#)
- [AS-52213-001-JP-001.pdf](#)
- [PK-50148-002-001.pdf](#)
- [522130000-PS-000.pdf](#)
- [PS-52213-003-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

EU RoHS	Compliant per EU 2015/863
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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50148
Description	Mizu-P25 Female Crimp Terminal, 2.50mm Pitch, 22-20 AWG, Reel
Application	Wire-to-Wire
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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Mates With / Use With

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, 22-20 AWG	<u>2037024800</u>
PremiumGrade Hand Crimp Tool for 2.50mm Splash Proof Terminals, 22-20 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>

Japan

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

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