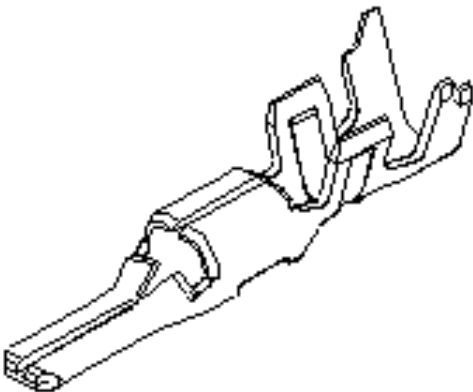




Part Number : [500388000](#)
Product Description : 2.50mm Pitch Mizu-P25
Crimp Terminal, 50038, Reel
Series Number : 50038
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 500388100 (Bag)




Documents & Resources

Drawings
[Drawing 500388000_sd.pdf](#)

Specifications
[Application Specification AS-50038-001-001.pdf](#)
[Packaging Specification 500380000-P00.pdf](#)
[Product Specification PS-52117-008-001.pdf](#)
[Product Specification PS-52048-001-001.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(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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50038
Description	2.50mm Pitch Mizu-P25 Crimp Terminal, 50038, Reel
Application	Signal, Wire-to-Wire
Product Family	Mizu Sealed Connectors
Product Name	Mizu-P25 Waterproof
UPC	800754368643

Electrical

Voltage - Maximum	250V
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Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	58.900/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-1.90mm
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 Plug Housings	<u>52116</u>

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
PremiumGrade Hand Crimp Tool for Mizu-P25 Splash Proof Crimp Terminals	<u>638233900</u>
FineAdjust Applicator for 2.50mm Pitch Splash Proof Crimp Terminal, 20-22 AWG	<u>639000100</u>
T2 Terminator Tooling Die for 2.50mm Pitch Splash Proof Crimp Terminal, 20-22 AWG	<u>639100100</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Mizu-P25 Standard Waterproof Terminals	<u>570843700</u>