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**Part Number:** **0500388000**  
**Status:** **Active**  
**Overview:** Mizu Sealed Connectors  
**Description:** 2.50mm Pitch Mizu-P25 Crimp Terminal, 50038, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-50038-001-001 (PDF)</a>
<a href="#">Product Specification PS-52048-001-001 (PDF)</a>	<a href="#">Packaging Specification 500380000-P00 (PDF)</a>
<a href="#">Product Specification PS-52117-008-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	50038
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mizu Sealed Connectors</a>
Packaging Alternative	<a href="#">500388100 (Loose)</a>
Product Name	Mizu-P25 Waterproof
UPC	800754368643

**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 mm²	N/A

**Electrical**

Voltage - Maximum	250V
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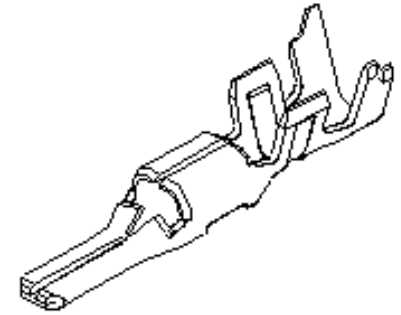
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-50038-001-001
Packaging Specification	500380000-P00
Product Specification	PS-52048-001-001, PS-52117-008-001
Sales Drawing	SD-50038-001-001



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[50038 Series](#)

**Use With**

Mizu-P25 2.50mm Pitch Waterproof Plug Housing [52116](#)

**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 #
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Extraction and	<a href="#">638132700</a>
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Activation Tool	
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PremiumGrade Hand	<a href="#">638233900</a>
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Crimp Tool for Mizu-	
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P25 Splash Proof	
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Crimp Terminals	
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FineAdjust Applicator	<a href="#">639000100</a>
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for 2.50mm Pitch	
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Splash Proof Crimp	
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Terminal, 20-22  
AWG  
T2 Terminator 639100100  
Tooling Die for  
2.50mm Pitch  
Splash Proof Crimp  
Terminal, 20-22  
AWG

**Japan**

**Description** **Product #**

Applicator for M211A 570843000  
Bench Press  
S-1 Applicator 570843700  
for Mizu-P25  
Standard Waterproof  
Terminals

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[50038-8000 \(Cut Strip\)](#) [50038-8000 \(Mouser Reel\)](#)