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**Part Number:** **0500398100**  
**Status:** **Active**  
**Overview:** Mizu-P25™ Miniature Waterproof Connectors  
**Description:** 2.50mm Pitch Mizu-P25™ Crimp Terminal, 50039, Bag

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-50038-001 \(PDF\)](#)  
[Product Specification PS-52048-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52117-008 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
Series 50039  
Application Signal  
Crimp Quality Equipment Yes  
Overview Mizu-P25™ Miniature Waterproof Connectors  
Packaging Alternative 50039-8000 (Reel)  
Product Name Mizu-P25™ Waterproof  
UPC 800754368698

**Physical**

Gender Female  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 60.500/mg  
Packaging Type Bag  
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

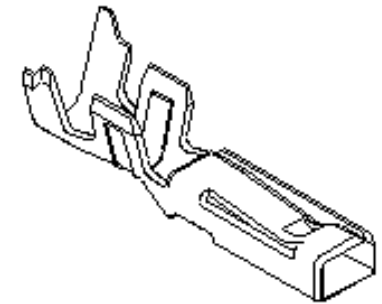
**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-50038-001  
Product Specification PS-52048-001, PS-52117-008, RPS-52048-001  
Sales Drawing SD-50039-001



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015

June 15): No

**Halogen-Free**

**Status**

**Not Relevant**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Not Relevant

Compliant

**Search Parts in this Series**

50039 Series

**Use With**

Mizu-P25™ 2.50mm Pitch Waterproof Receptacle Housing 52117

**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 #**

Hand Crimp Tool for Splash Proof Crimp Terminal [0638233900](#)

**Japan**

**Description**

**Product #**

Hand Crimper [0570865000](#)  
Hand Crimper [0570855000](#)

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