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**Part Number:** **0500398000**  
**Status:** **Active**  
**Overview:** Mizu-P25™ Miniature Waterproof Connectors  
**Description:** 2.50mm Pitch Mizu-P25™ Crimp Terminal, 50039, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52048-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	50039
Application	Signal
Crimp Quality Equipment	Yes
Overview	Mizu-P25™ Miniature Waterproof Connectors
Packaging Alternative	50039-8100 (Loose)
Product Name	Mizu-P25™ Waterproof
UPC	800754368681

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	60.500/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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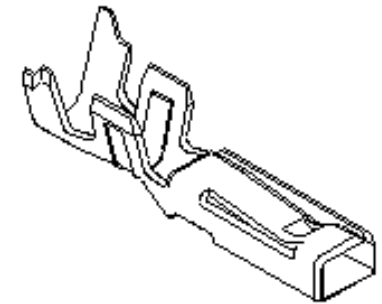
**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-52048-001, RPS-52048-001
Sales Drawing	SD-50039-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**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

Green Image  
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	<a href="#">0638233900</a>
FineAdjust™ Applicator for 2.50mm Pitch	<a href="#">0639000100</a>

Splash Proof Crimp Terminal, 20-22 AWG T2 Terminator	<u>0639100100</u>
Tooling Die for 2.50mm Pitch Splash Proof Crimp Terminal, 20-22 AWG	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Applicator for M211A Bench Press	<u>0570843000</u>

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