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**Part Number:** **0500388100**  
**Status:** **Active**  
**Overview:** Mizu-P25 Miniature Waterproof Connectors  
**Description:** 2.50mm Pitch Mizu-P25 Crimp Terminal, 50038, Bag

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-50038-001-001 (PDF)</a>
<a href="#">Product Specification PS-52048-001 (PDF)</a>	<a href="#">Packaging Specification 500380001-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	Mizu-P25 Miniature Waterproof Connectors
Packaging Alternative	50038-8000 (Reel)
Product Name	Mizu-P25 Waterproof
UPC	800754368674

**Physical**

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	58.900/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 mm <sup>2</sup>	N/A

**Electrical**

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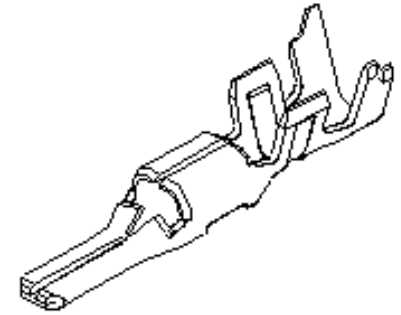
**Solder Process Data**

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

**Reference - Drawing Numbers**

Application Specification	AS-50038-001-001
Packaging Specification	500380001-P00
Product Specification	PS-52048-001, PS-52117-008-001
Sales Drawing	SD-50038-001



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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	Green Image
ELV	Compliant
Prop65	Compliant
RoHS Phthalates	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 #**

Hand Crimp Tool for	0638233900
Splash Proof Crimp Terminal	

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