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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:

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

General

Product Family Crimp Terminals
Series [50038](#)
Application Signal
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 mm² N/A

Electrical

Voltage - Maximum 250V

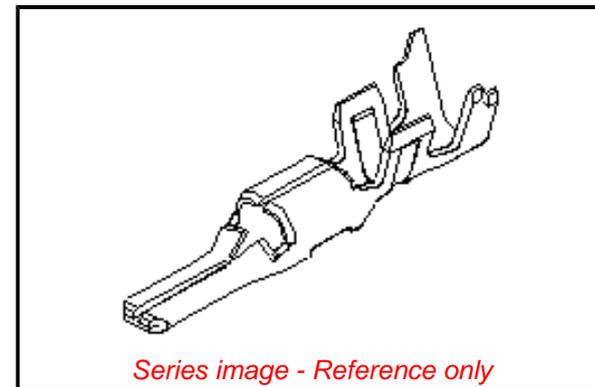
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-50038-001-001
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/21/2016 (20 June
2016)

Halogen-Free

Status

Not Relevant

Need more information on product environmental compliance?

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

China ROHS	Not Relevant
ELV	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 Splash Proof Crimp Terminal	0638233900

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