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

General

Product Family	Crimp Terminals
Series	<u>50039</u>
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mizu Sealed Connectors</u>
Packaging Alternative	<u>500398100 (Loose)</u>
Product Name	Mizu-P25 Waterproof
UPC	800754368681

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.633/g
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 mm ²	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

Application Specification	AS-50038-001-001
Packaging Specification	500390000-P00
Product Specification	PS-52048-001, PS-52117-007-001, PS-52117-008-001
Sales Drawing	SD-50039-001-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

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 #
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PremiumGrade Hand	<u>638233900</u>
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Crimp Tool for Mizu-P25 Splash Proof

Crimp Terminals FineAdjust Applicator	<u>639000100</u>
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for 2.50mm Pitch
Splash Proof Crimp
Terminal, 20-22

AWG

T2 Terminator	<u>639100100</u>
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Tooling Die for
2.50mm Pitch
Splash Proof Crimp

Terminal, 20-22

AWG

Japan

Description	Product #
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Applicator for M211A	<u>570843000</u>
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Bench Press

S-1 Applicator	<u>570843700</u>
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for Mizu-P25

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