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Part Number: [50038-8000](#)
Status: **Active**
Overview: Mizu-P25™ Miniature Waterproof Connectors
Description: 2.50mm Pitch Mizu-P25™ Crimp Terminal, 50038, Reel

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	50038
Application	Signal
Crimp Quality Equipment	Yes
Overview	Mizu-P25™ Miniature Waterproof Connectors
Packaging Alternative	50038-8100 (Loose)
Product Name	Mizu-P25™ Waterproof
UPC	800754368643

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	58.900/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

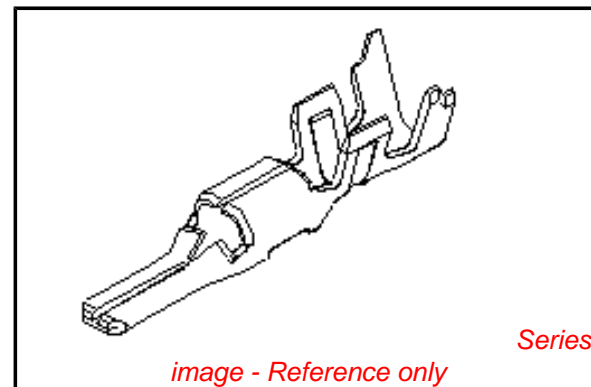
Electrical

Voltage - Maximum	250V
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Material Info

Reference - Drawing Numbers

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



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



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

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[50038Series](#)

Mates With

[50039 2.50mm Pitch Mizu-P25™ Crimp Terminal](#)

Use With

[52116 Mizu-P25™ 2.50mm Pitch Waterproof Wire-to-Wire Plug Housing](#)

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 #
T2 Terminator	0639100100
Tooling Die for 2.50mm Pitch Splash Proof Crimp	

Terminal, 20-22
AWG
Hand Crimp Tool for 0638233900
Splash Proof Crimp
Terminal
FineAdjust™ 0639000100
Applicator for
2.50mm Pitch
Splash Proof Crimp
Terminal, 20-22
AWG
Japan
Description **Product #**
Applicator for M211A 0570843000
Bench Press

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