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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 \(PDF\)](#) [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	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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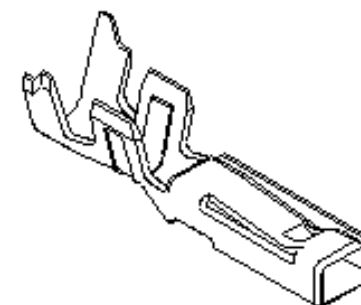
Solder Process Data

Lead-freeProcess Capability	N/A
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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-50039-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

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
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	0638233900
T2 Terminator Tooling Die for 2.50mm Pitch	0639100100

Splash Proof Crimp
Terminal, 20-22
AWG
FineAdjust™ 0639000100
Applicator for
2.50mm Pitch
Splash Proof Crimp
Terminal, 20-22
AWG

Description	Product #
Applicator for M211A Bench Press	<u>0570843000</u>

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