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Part Number: **0500388000**
Status: **Active**
Overview: Mizu Sealed Connectors
Description: 2.50mm Pitch Mizu-P25 Crimp Terminal, 50038, Reel

Documents:

Drawing (PDF)	Application Specification AS-50038-001-001 (PDF)
Product Specification PS-52048-001-001 (PDF)	Packaging Specification 500380000-P00 (PDF)
Product Specification PS-52117-008-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50038
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mizu Sealed Connectors
Packaging Alternative	500388100 (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 mm ²	N/A

Electrical

Voltage - Maximum	250V
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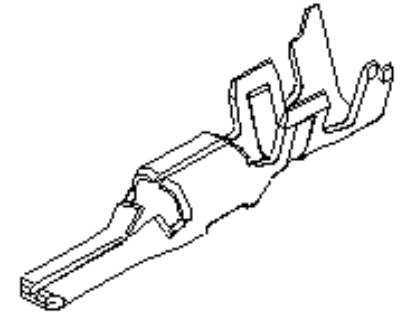
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-50038-001-001
Packaging Specification	500380000-P00
Product Specification	PS-52048-001-001, PS-52117-008-001
Sales Drawing	SD-50038-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 #

Extraction and Activation Tool	638132700
PremiumGrade Hand Crimp Tool for Mizu-P25 Splash Proof Crimp Terminals	638233900
FineAdjust Applicator for 2.50mm Pitch Splash Proof Crimp	639000100

Terminal, 20-22
AWG
T2 Terminator 639100100
Tooling Die for
2.50mm Pitch
Splash Proof Crimp
Terminal, 20-22
AWG

Japan

Description **Product #**

Applicator for M211A 570843000
Bench Press
S-1 Applicator 570843700
for Mizu-P25
Standard Waterproof
Terminals

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