

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0500398100

Status:

Active

Overview:

Mizu Sealed Connectors

Description:

2.50mm Pitch Mizu-P25 Crimp Terminal, 50039, Bag

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-52048-001-001 \(PDF\)](#)
- [Product Specification PS-52117-007-001 \(PDF\)](#)
- [Product Specification PS-52117-008-001 \(PDF\)](#)
- [Application Specification AS-50038-001-001 \(PDF\)](#)
- [Packaging Specification 500390001-P00 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

50039

Signal, Wire-to-Wire

Yes

Mizu Sealed Connectors

500398000 (Reel)

Mizu-P25 Waterproof

800754368698

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Phosphor Bronze

Tin

Tin

60.500/mg

Bag

0.889µm

0.914µm

Crimp or Compression

1.80-1.90mm

20, 22

N/A

Electrical

Voltage - Maximum

250V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

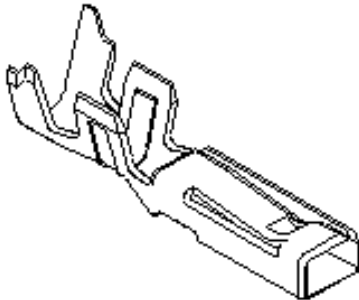
Sales Drawing

AS-50038-001-001

500390001-P00

PS-52048-001-001, PS-52117-007-001, PS-52117-008-001

SD-50039-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

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	Not Relevant
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 #
PremiumGrade Hand Crimp Tool for Mizu- P25 Splash Proof Crimp Terminals	638233900

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

50039-8100