

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0500388100

Status:

Active

Overview:

Mizu Sealed Connectors

Description:

2.50mm Pitch Mizu-P25 Crimp Terminal, 50038, Bag

Documents:

Drawing (PDF)

Product Specification PS-52048-001-001 (PDF)

Product Specification PS-52117-008-001 (PDF)

Application Specification AS-50038-001-001 (PDF)

Packaging Specification 500380001-P00 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

50038

Signal, Wire-to-Wire

Yes

Mizu Sealed Connectors

500388000 (Reel)

Mizu-P25 Waterproof

800754368674

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

Male

Phosphor Bronze

Tin

Tin

58.900/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

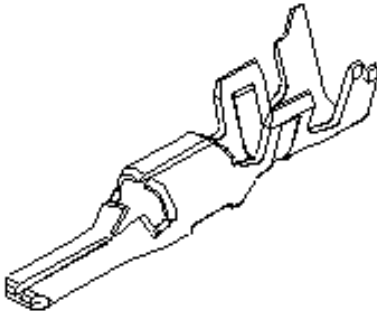
Sales Drawing

AS-50038-001-001

500380001-P00

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

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

Green Image

ELV

Compliant

RoHS Phthalates

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 #

PremiumGrade Hand

638233900

Crimp Tool for Mizu-

P25 Splash Proof

Crimp Terminals

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

50038-8100