

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

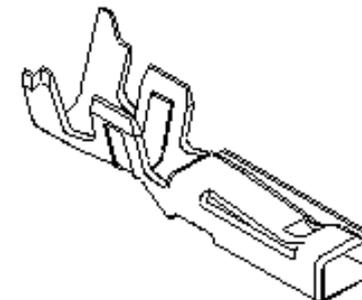
Solder Process Data

Lead-freeProcess Capability N/A

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

Contains SVHC(2015
 June 15): No

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 #

FineAdjust™ [0639000100](#)
 Applicator for
 2.50mm Pitch
 Splash Proof Crimp
 Terminal, 20-22
 AWG

T2 Terminator	<u>0639100100</u>
Tooling Die for 2.50mm Pitch Splash Proof Crimp Terminal, 20-22 AWG	
Hand Crimp Tool for	<u>0638233900</u>
Splash Proof Crimp Terminal	

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

This document was generated on 09/09/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION