

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0500388100**
Status: **Active**
Overview: Mizu-P25™ Miniature Waterproof Connectors
Description: 2.50mm Pitch Mizu-P25™ Crimp Terminal, 50038, Bag

Documents:

Drawing (PDF)	Application Specification AS-50038-001-001 (PDF)
Product Specification PS-52048-001 (PDF)	Packaging Specification 500380001-P00 (PDF)
Product Specification PS-52117-008-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	<u>50038</u>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<u>Mizu-P25™ Miniature Waterproof Connectors</u>
Packaging Alternative	<u>50038-8000 (Reel)</u>
Product Name	Mizu-P25™ Waterproof
UPC	800754368674

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	58.900/mg
Packaging Type	Bag
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
-------------------	------

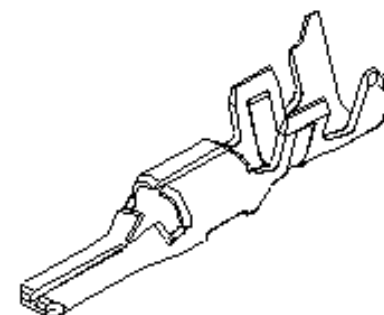
Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-50038-001-001
Packaging Specification	500380001-P00
Product Specification	PS-52048-001, PS-52117-008-001
Sales Drawing	SD-50038-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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	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 #
Hand Crimp Tool for Splash Proof Crimp Terminal	<u>0638233900</u>

This document was generated on 08/03/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION