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Part Number:

0500398000

Status:

Active

Overview:

Mizu Sealed Connectors

Description:

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

- 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 500390000-P00 (PDF)

RoHS Certificate of Compliance (PDF)

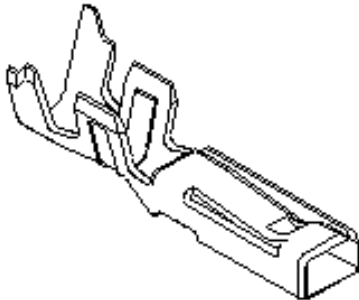
General	
Product Family	Crimp Terminals
Series	50039
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mizu Sealed Connectors
Packaging Alternative	500398100 (Loose)
Product Name	Mizu-P25 Waterproof
UPC	800754368681
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.633/g
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-50038-001-001
Packaging Specification	500390000-P00
Product Specification	PS-52048-001-001, PS-52117-007-001, PS-52117-008-001
Sales Drawing	SD-50039-001-001



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

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 #
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 Bench Press	<u>570843000</u>
S-1 Applicator for Mizu-P25	<u>570843700</u>
Standard Waterproof Terminals	

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[50039-8000 \(Mouser Reel\)](#) [50039-8000 \(Cut Strip\)](#)