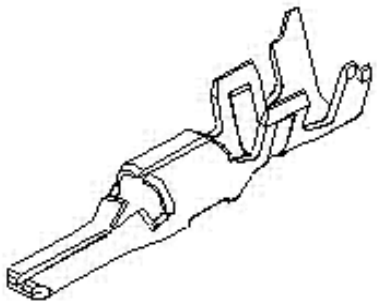
Part Number : 500388100
Product Description : Mizu-P25 Male Crimp Terminal, 2.50mm Pitch, 22-20 AWG, Bag
Series Number : 50038
Status : Not Recommended For New Design
Product Category : Crimp Terminals
Packaging Alternative : 500388000 (Reel)



Documents and Resources

Drawings

500388100_sd.pdf

Specifications

AS-50038-001-001.pdf

500380001-P00.pdf

PS-52048-001-001.pdf

PS-52117-008-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	Crimp Terminals
Series	50038
Description	Mizu-P25 Male Crimp Terminal, 2.50mm Pitch, 22-20 AWG, Bag
Application	Wire-to-Wire
Product Name	Mizu-P25 Waterproof
UPC	800754368674

Electrical

Voltage - Maximum	250V

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	1.40-1.90mm
Wire Size (AWG)	20, 22

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Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Mizu-P25 Waterproof Plug Housings	52116

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
PremiumGrade Hand Crimp Tool for Mizu-P25 Splash Proof Crimp Terminals	638233900

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