

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0521160243](#)  
**Status:** **Active**  
**Overview:** [Mizu-P25 Miniature Waterproof Connectors](#)  
**Description:** Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Plug Housing for AVSS 0.3, 2 Circuits, White

|                                                              |                                                                     |
|--------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Documents:</b>                                            |                                                                     |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-52117-001-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification AS-52117-001-JP-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification 521160000-P00 (PDF)</a>         |
| <a href="#">Product Specification PS-52116-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>                |

**Agency Certification**  
UL E29179

**Application tooling part link**  
Application Tooling Part Link 62202-4400

**General**  
Product Family Crimp Housings  
Series [52116](#)  
Application Signal, Wire-to-Wire  
Overview [Mizu-P25 Miniature Waterproof Connectors](#)  
Product Name Mizu-P25 Waterproof, Splash Proof  
UPC 883906527471

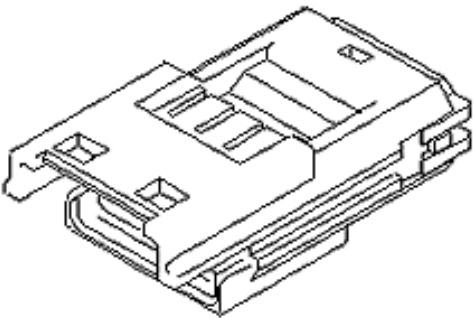
**Physical**  
Circuits (maximum) 2  
Color - Resin White  
Gender Plug  
Glow-Wire Capable No  
Lock to Mating Part Yes  
Material - Resin Polyester  
Net Weight 1.518/g  
Number of Rows 1  
Packaging Type Tray  
Panel Mount No  
Pitch - Mating Interface 5.00mm  
Stackable No  
Temperature Range - Operating -40° to +105°C

**Electrical**  
Current - Maximum per Contact 3.0A

**Solder Process Data**  
Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**  
Application Specification AS-52117-001-001, AS-52117-001-JP-001  
Packaging Specification 521160000-P00  
Product Specification PS-52116-001-001  
Sales Drawing SD-52116-001-001



Series image - Reference only

**EU ELV**  
**Compliant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
D(2021)4569-DC (8  
July 2021)  
**Halogen-Free**  
**Status**  
**Not Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[52116](#) Series

**Mates With**  
[52117](#) Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Receptacle Housing

**Use With**  
[50038](#) Mizu-P25 Crimp Terminal

**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 #                 |
|-----------------------|---------------------------|
| Sealing Cap Hand Tool | <a href="#">622024400</a> |

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

# Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[52116-0243](#)