

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0521160242](#)  
**Status:** **Active**  
**Overview:** [Mizu Sealed Connectors](#)  
**Description:** Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Plug Housing , 2 Circuits, Red  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=0522130411522130411>

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-52117-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-52117-001-JP-001 (PDF)</a>
<a href="#">Drawing (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	<a href="#">52116</a>
Application	Signal, Wire-to-Wire
Overview	<a href="#">Mizu Sealed Connectors</a>
Product Name	Mizu-P25 Waterproof, Splash Proof
Replacement Part Number	<a href="#">522130411</a>
UPC	800754368513

**Physical**

Circuits (maximum)	2
Color - Resin	Red
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	1543.500/mg
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

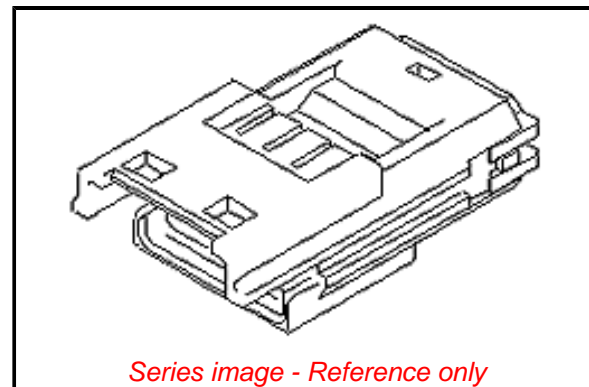
**Solder Process Data**

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**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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>
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