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**Part Number:** [0521160241](#)  
**Status:** **Active**  
**Overview:** [Mizu-P25 Miniature Waterproof Connectors](#)  
**Description:** [Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Plug Housing , 2 Circuits, Black](#)

**Documents:**

<a href="#">3D Model</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>
<a href="#">Application Specification AS-52117-001-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">52116</a>
Application	Signal, Wire-to-Wire
Application Tooling Part Link	62202-4400
Overview	<a href="#">Mizu-P25 Miniature Waterproof Connectors</a>
Product Name	Mizu-P25 Waterproof, Splash Proof
UPC	800754368490

**Physical**

Circuits (maximum)	2
Color - Resin	Black
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

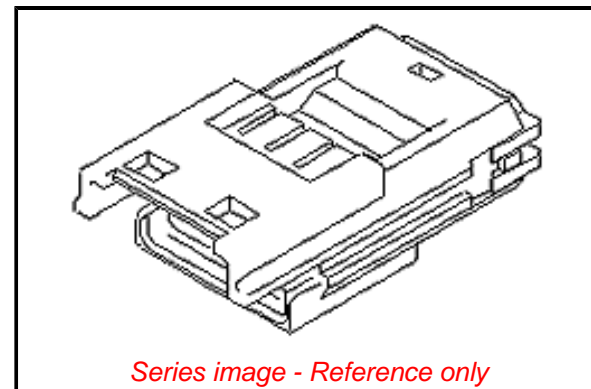
**Solder Process Data**

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  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Compliant
Prop65	Missing Compliance Data
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**

<b>Description</b>	<b>Product #</b>
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