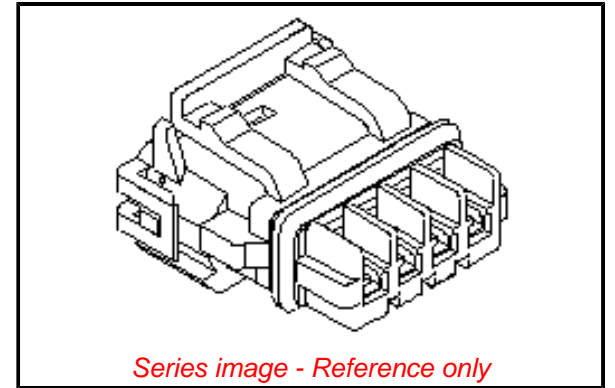


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0521170241](#)  
**Status:** **Active**  
**Overview:** Mizu-P25 Miniature Waterproof Connectors  
**Description:** Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Receptacle 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 521170000-P00 (PDF)</a>
<a href="#">Product Specification PS-52117-007-001 (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="#">52117</a>
Application	Signal, Wire-to-Wire
Application Tooling Part Link	57131-6000
Application Tooling Part Link	62202-4400
Overview	<a href="#">Mizu-P25 Miniature Waterproof Connectors</a>
Product Name	Mizu-P25 Waterproof, Splash Proof
UPC	800754368636

**Physical**

Circuits (maximum)	2
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	824.900/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-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-52117-001-001, AS-52117-001-JP-001
Packaging Specification	521170000-P00
Product Specification	PS-52117-007-001
Sales Drawing	SD-52117-001-001

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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**

[52117 Series](#)

**Mates With**

[52116 Mizu-P25 2.50mm Pitch Waterproof Wire-to-Wire Plug Housing](#)

**Use With**

[50039 Mizu-P25 Crimp Terminal](#)