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Part Number: [0521170242](#)
Status: **Active**
Overview: [Mizu Sealed Connectors](#)
Description: Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 2 Circuits, Red
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=0521160241521160241>

Documents:

3D Model	Application Specification AS-52117-001-001 (PDF)
3D Model (PDF)	Application Specification AS-52117-001-JP-001 (PDF)
Drawing (PDF)	Packaging Specification 521170000-P00 (PDF)
Product Specification PS-52117-007-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 57131-6000
 Application Tooling Part Link 62202-4400

General

Product Family Crimp Housings
 Series [52117](#)
 Application Signal, Wire-to-Wire
 Overview [Mizu Sealed Connectors](#)
 Product Name Mizu-P25 Waterproof, Splash Proof
 Replacement Part Number [521160241](#)
 UPC 800754368650

Physical

Circuits (maximum) 2
 Color - Resin Red
 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

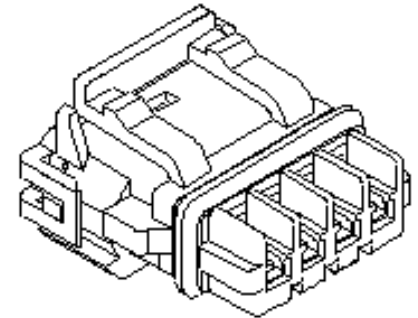
Solder Process Data

Lead-freeProcess 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



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

[52117 Series](#)

Mates With

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

Use With

[50039 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 #
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Sealing Cap Hand Tool	622024400
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Japan

Description	Product #
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Sealing Cap Attachment Tool	571316000
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[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)
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