Part Number : 521170413
Product Description : Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 2.50mm Pitch, 2 Circuits, Wide Body Type, Black
Series Number : 52117
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

521170413_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

521170000-P00.pdf

PS-52117-008-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	52117
Description	Mizu-P25 Waterproof Wire-to-Wire Receptacle Housing, 2.50mm Pitch, 2 Circuits, Wide Body Type, Black
Application	Wire-to-Wire
Component Type	Housing
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	756054598092

Agency

UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes

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Material - Resin	Polyester
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.50mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mizu-P25 Waterproof Plug Housings	52116

Use with Part(s)

Description	Part Number
Mizu-P25 Female Crimp Terminals	50039

Application Tooling

Global

Description	Part Number
Sealing Cap Hand Tool	622024400

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