Part Number : 521170241
Product Description : Mizu-P25 5.00mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 2 Circuits, Black
Series Number : 52117
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

521170241_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-52117-001-001.pdf

AS-52117-001-JP-001.pdf

521170000-P00.pdf

PS-52117-007-001.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
- 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 5.00mm Pitch Waterproof Wire-to-Wire Receptacle Housing, 2 Circuits, Black
Application	Signal, Wire-to-Wire
Product Name	Mizu-P25 Waterproof,Splash Proof
UPC	800754368636

Agency

UL	E29179

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

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

Japan

Description	Part Number
Sealing Cap Attachment Tool	571316000