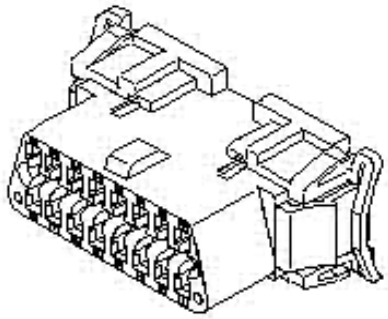
Part Number : 511151601
Product Description : 4.00mm Pitch, OBD-II Wire-to-Wire Receptacle Housing, Panel Mount, 16 Circuits
Series Number : 51115
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

511151601_sd.pdf

Specifications

AS-51115-001-007.pdf

PS-51115-001-001.pdf

PS-68503-001-001.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)7771-DC (04 Feb 2026)
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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	51115
Description	4.00mm Pitch, OBD-II Wire-to-Wire Receptacle Housing, Panel Mount, 16 Circuits
Application	Wire-to-Wire
Component Type	Receptacle
Product Name	OBD-II
UPC	800754367707

Physical

Circuits (maximum)	16
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	4.00mm
Sealed	Unsealed
Stackable	No
Temperature Range - Operating	-40° to +85°C
Terminal Size	1.5

Solder Process Data

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Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
4.00mm Pitch, OBD-II Wire-to-Wire Male Housing, 16 Circuits	685031602

Use with Part(s)

Description	Part Number
OBD-II Female Crimp Terminals	50420
4.00mm Wire-to-Wire Terminal Position Assurance (TPA) Retainers	51117

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