



Part Number : 511151601

Series Number : 51115

Product Category : Connector Housings

Product Description : 4.00mm Pitch, OBD-II Wire-to-Wire Receptacle Housing, Panel Mount, 16 Circuits

Status : Active

Documents & Resources


Specifications

[Application Specification AS-51115-001-007.pdf](#)

[Product Specification PS-51115-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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	Power, Wire-to-Wire
Product Name	OBD-II
UPC	800754367707

Physical

Circuits (maximum)	16
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	4.00mm
Stackable	No
Temperature Range - Operating	-40° to +85°C

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

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

Use with Part(s)

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