



Part Number : 504208000

Series Number : 50420

Product Category : Crimp Terminals

Product Description : OBD-II Crimp Terminal,
Female, 50420, 4.00mm Pitch

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 with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	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	Crimp Terminals
Series	50420
Description	OBD-II Crimp Terminal, Female, 50420, 4.00mm Pitch
Application	Power, Wire-to-Wire
Product Name	OBD-II
UPC	800754370233

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	173.000/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.60-2.30mm
Wire Size (AWG)	20, 22
Wire Size mm ²	AVS 0.30, AVS 0.50, AVS 0.50F, AVS 0.75F, AVS 0.85, AVS-0.30F, AVSS 0.50, AVSS 0.50F, AVSS 0.75F, AVSS 0.85, CAVS 0.50, CAVS 0.85

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
OBD-II Receptacle Housings	<u>51115</u>
OBD-II Receptacle Housings	<u>51116</u>

Application Tooling

Global

Description	Part Number
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Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool	<u>638119500</u>
FineAdjust Applicator for OBD II 4.00mm Wire-to-Wire Crimp Terminal, 0.30-0.85mm ² and 18-22 AWG	<u>639009700</u>