

Part Number : [504208000](#)

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

Series Number : 50420

Status : Active

Product Category : Crimp Terminals

Documents and Resources

Drawings

[504208000_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 with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	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)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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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Mates With / Use With

Use with Part(s)

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

Application Tooling

Global

Description	Part Number
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 22-18 AWG	<u>639009700</u>

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