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**Part Number:** [0504208000](#)  
**Status:** **Active**  
**Description:** OBD-II Crimp Terminal, Female, 50420, 4.00mm Pitch

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-50420-001 \(PDF\)](#)  
[Product Specification PS-51115-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-51115-001-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [50420](#)  
 Application Power  
 Crimp Quality Equipment Yes  
 Packaging Alternative [50420-8100](#) (Loose)  
 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<sup>2</sup> 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

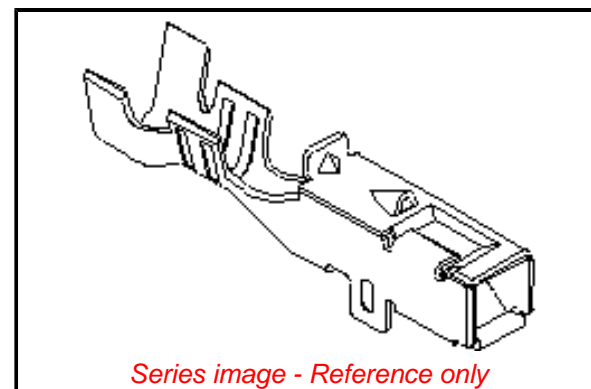
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification [AS-51115-001-001](#)  
 Packaging Specification [PK-50420-001](#)  
 Product Specification [PS-51115-001](#)  
 Sales Drawing [SD-50420-8\\*00](#)



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[50420](#) Series

**Use With**

[51115](#) , [51116](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Extraction Tool	<a href="#">0011030043</a>
Hand Crimp Tool	<a href="#">0638119500</a>
FineAdjust™	<a href="#">0639009700</a>
Applicator for OBD II 4.00mm Wire-to-Wire Crimp Terminal,	

0.30-0.85mm<sup>2</sup> and  
18-22 AWG

**Japan**

**Description**

**Product #**

Applicator for M211A 0573263000  
Bench Press, 18-22  
AWG Wire

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