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

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-51115-001-007 \(PDF\)](#)  
[Product Specification PS-51115-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-68503-001-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [50420](#)  
 Application Power, Wire-to-Wire  
 Crimp Quality Equipment Yes  
 Packaging Alternative [504208100 \(Loose\)](#)  
 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

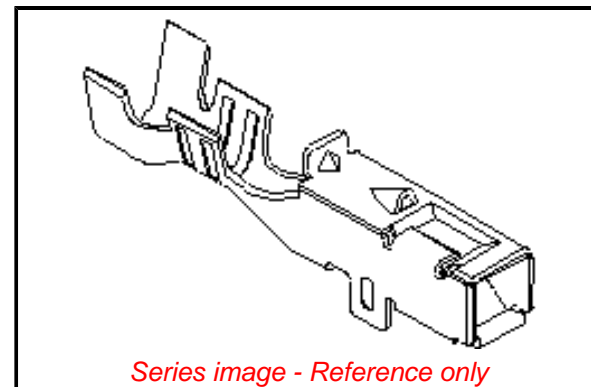
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification [AS-51115-001-007](#)  
 Product Specification [PS-51115-001-001](#), [PS-68503-001-001](#)  
 Sales Drawing [CS-50420-001](#), [SD-50420-8X00-001](#)



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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 for Micro-Fit Terminals	<a href="#">11030043</a>
Hand Crimp Tool	<a href="#">638119500</a>
FineAdjust Applicator for OBD II 4.00mm Wire-to-Wire Crimp Terminal, 0.30-0.85mm <sup>2</sup> and 18-22 AWG	<a href="#">639009700</a>

**Japan**

Description	Product #
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S-1 Applicator for 573263700  
OBD-II Terminals,  
Female

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