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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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 mm² 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

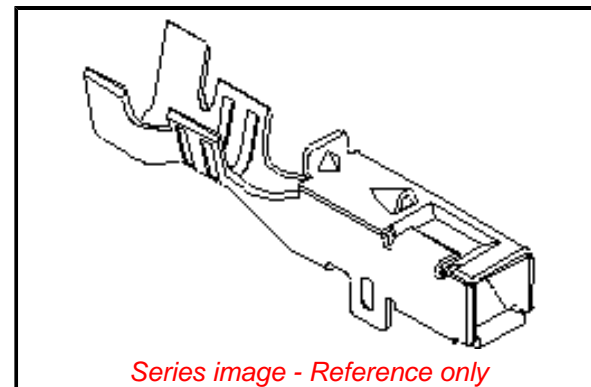
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-51115-001-007
 Product Specification PS-51115-001
 Sales Drawing CS-50420-001, CS-50420-002, SD-50420-8X00-001



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)9139-DC (19
 Jan 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	11030043
Hand Crimp Tool	638119500
FineAdjust Applicator for OBD II 4.00mm Wire-to-Wire Crimp Terminal, 0.30-0.85mm ² and 18-22 AWG	639009700

Japan

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

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[50420-8000](#) [50420-8000 \(Cut Strip\)](#) [50420-8000 \(Mouser Reel\)](#)