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Part Number: **5018270101**
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: CMC Wire-to-Wire Connector Male Terminal 0.64, AVSS 0.3-0.5

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-501820-001-JP-001 \(PDF\)](#)
[Product Specification PS-64319-002-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-501820-001-001 \(PDF\)](#)

General

Product Family Crimp Terminals
Series [501827](#)
Application Automotive, Power, Wire-to-Wire
Crimp Quality Equipment Yes
Overview [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Product Name CMC
UPC 822350219396

Physical

Gender Male
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 160.000/mg
Packaging Type Reel
Plating min - Mating 0.889µm
Plating min - Termination 0.889µm
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 1.40-1.7mm (AVSS 0.3-0.5)
Wire Size AWG N/A
Wire Size mm² 0.80-1.00

Electrical

Current - Maximum per Contact 12.0A

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-501820-001-001, AS-501820-001-JP-001
Crimp Specification CS-501827-001-001
Product Specification PS-64319-002-001
Sales Drawing SD-501827-001-001



EU ELV

Compliant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[501827](#) Series

Use With

CMC Plug Housing [501820](#)

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 #

Hand Crimp Tool for [638275500](#)

CMC Wire-to-Wire
Connector 0.64mm
Male Terminal,
0.30-0.50mm²

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[501827-0101](#)