

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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-501820-001-001 (PDF)
Product Specification PS-64319-002-001 (PDF)	Application Specification AS-501820-001-JP-001 (PDF)
Application Specification AS-500993-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	501827
Application	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 mm ²	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-500993-002-001, 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



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

[501827](#) Series

Mates With

[501820-3201](#)

Use With

[501820](#) Plug Housing

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	0638275500
CMC Wire-to-Wire Connector 0.64mm Male Terminal,	
0.30-0.50mm ²	

This document was generated on 10/12/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION