

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5018280101**  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** CMC Wire-to-Wire Connector Male Terminal 1.5, AVSS 0.85

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-501820-001-JP-001 (PDF)</a>
<a href="#">Product Specification PS-64319-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-501820-001-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	501828
Application	Automotive, Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">CMC and CMX Sealed, Hybrid, Modular Connectors</a>
Product Name	CMC
UPC	822350219402

**Physical**

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	353.130/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-1.90mm (AVSS 0.85)
Wire Size AWG	N/A
Wire Size mm <sup>2</sup>	1.20

**Electrical**

Current - Maximum per Contact	12.0A
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**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-501820-001-001, AS-501820-001-JP-001
Crimp Specification	CS-501828-001-001
Product Specification	PS-64319-002-001
Sales Drawing	SD-501828-001-001



**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**

[501828](#) 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 [638275800](#)

CMC Wire-to-Wire  
1.50, Male Terminal,  
0.75-1.00mm<sup>2</sup>

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