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**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 (PDF)</a>
<a href="#">Product Specification PS-64319-002 (PDF)</a>	<a href="#">Application Specification AS-501820-001-JP (PDF)</a>
<a href="#">Application Specification AS-500993-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	501828
Application	Power
Crimp Quality Equipment	Yes
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
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-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-500993-002, AS-501820-001, AS-501820-001-JP
Product Specification	PS-64319-002, RPS-500993-001
Sales Drawing	SD-501828-001



*Series image - Reference only*

**EU ELV**  
**Compliant**

**EU RoHS** **China RoHS**  
**Compliant**

**REACH SVHC**  
Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**  
**Status**  
**Not Relevant**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant

**Search Parts in this Series**  
501828 Series

**Mates With**  
501820-3201

**Use With**  
501820 Plug Housing