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**Part Number:** [501827-0101](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** CMC Wire-to-Wire Connector Male Terminal 0.64, AVSS 0.3-0.5

**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	<a href="#">501827</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">CMC Sealed, Hybrid, Modular Connectors and Headers</a>
Product Name	CMC
UPC	822350219396

**Physical**

Durability (mating cycles max)	1,000
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 <sup>2</sup>	0.80-1.00

**Electrical**

Current - Maximum per Contact	12A
Voltage - Maximum	25V AC

**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-501827-001



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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