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**Part Number:** [5018203201](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** CMC Wire-to-Wire Connector Plug Housing Assembly, 32 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-500993-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-501820-001-001 (PDF)</a>
<a href="#">3D Model (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>

**General**

Product Family	Crimp Housings
Series	<a href="#">501820</a>
Application	Automotive, Power, Wire-to-Wire
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Overview	<a href="#">CMC and CMX Sealed, Hybrid, Modular Connectors</a>
Product Name	CMC
UPC	822350236027

**Physical**

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Grey
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	25356.000/mg
Number of Rows	4
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Pitch - Termination Interface	2.50mm, 3.50mm, 3.70mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +100°C

**Electrical**

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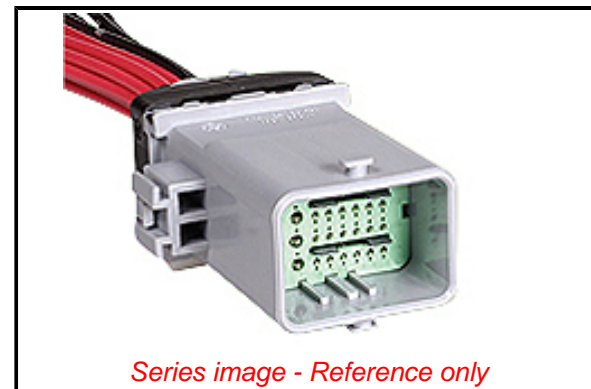
**Solder Process Data**

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

**Reference - Drawing Numbers**

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



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

**Halogen-Free**

**Status**

**Not 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**

[501820 Series](#)

**Mates With**

[CMC Receptacle 643191211](#) , [643193211](#)

**Use With**

[CMC Male Terminals 501827 \(0.64mm\)](#), [501828 \(1.50mm\)](#) . [CMC Wire Cap 5018263201](#)

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