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**Part Number:** [501820-3201](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** CMC Wire-to-Wire Connector Plug Housing Assembly, 32 Circuits

**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 Housings
Series	<a href="#">501820</a>
Application	Power, Wire-to-Wire
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and BodyElectronics applications in cars, trucks, busses
Overview	<a href="#">CMC Sealed, Hybrid, Modular Connectors and Headers</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 Compliant	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°C to +100°C

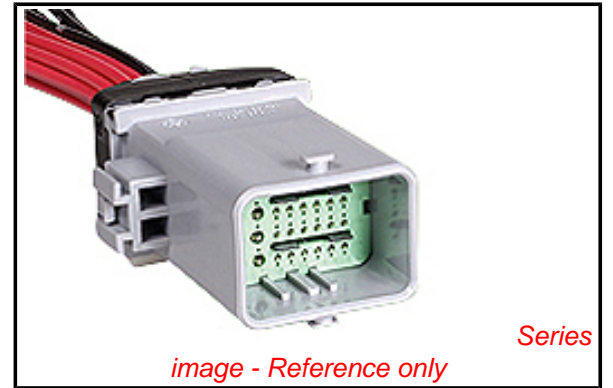
**Electrical**

Current - Maximum per Contact	12A
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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-501820-001



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[501820Series](#)

**Mates With**

[64310-1211](#) , [64319-3211](#) , [501826-3201](#)

**Use With**

[501827](#) Crimp terminal, [501828](#) Crimp Terminal