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**Part Number:** [0643212011](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Right Wire Output, Black Coding, Mat Sealed

**Documents:**

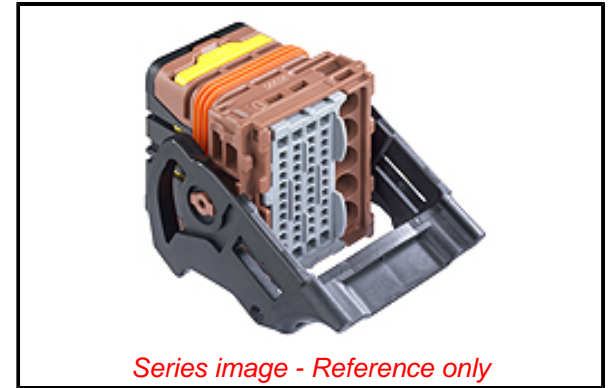
<a href="#">3D Model</a>	<a href="#">Application Specification AS-98420-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-98420-001-CH-001 (PDF)</a>
<a href="#">Product Specification PS-64321-001-001 (PDF)</a>	<a href="#">Application Specification AS-98420-001-FR-001 (PDF)</a>
<a href="#">Application Specification AS-64318-002-001 (PDF)</a>	<a href="#">Application Specification AS-98420-001-SP-001 (PDF)</a>
<a href="#">Application Specification AS-64318-002-CH-001 (PDF)</a>	<a href="#">Packaging Specification PK-98995-001-001 (PDF)</a>
<a href="#">Application Specification AS-64318-002-FR-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-64318-002-SP-001 (PDF)</a>	

**General**

Product Family	Crimp Housings
Series	<a href="#">64321</a>
Application	Power, Wire-to-Board
Application Tooling Part Link	<a href="#">63812-1100</a>
Application Tooling Part Link	<a href="#">63824-1200</a>
Comments	* Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 21.0A for 2.80mm Terminal (5.0mm <sup>2</sup> wire), 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> wire), 2.5A for 0.635mm Terminal (0.75mm <sup>2</sup> wire) *
More Detailed Tech Information	Sealed, high-density, power, 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	883906135201

**Physical**

Circuits (maximum)	53
Circuits Detail	5x 2.8mm, 8 x 1.5mm, 40 x 0.635mm terminals
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	50.860/g
Number of Rows	5
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.50mm, 7.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C



Series image - Reference only

**EU ELV**  
**Compliant**

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

**REACH SVHC**  
Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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
Prop65	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[64321](#) Series

**Mates With**

[98997-1002](#) 53 Circuit CMC Header  
[34763-0001](#) 154 Circuit CMC Header

**Use With**

[64322](#) CP 0.635, [64323](#) CP 1.5. Circuit Way Plugs [64325-1010](#), [64325-1023](#), [64325-1091](#). CMC Wire Cap [64321-1101](#). Header [98997-1002](#), [34763-0001](#), [64325-1162](#), [64325-1175](#), [643 25-1188](#), [64325-1196](#)

**Electrical**

Current - Maximum per Contact 12.0A, 2.5A, 21.0A

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info****Reference - Drawing Numbers**

Application Specification AS-64318-002-001, AS-64318-002-CH-001,  
AS-64318-002-FR-001, AS-64318-002-SP-001,  
AS-98420-001-001, AS-98420-001-CH-001,  
AS-98420-001-FR-001, AS-98420-001-SP-001  
Packaging Specification PK-98995-001-001  
Product Specification PS-64321-001-001  
Sales Drawing SD-64321-001

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