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**Part Number:** [0643194218](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, CMC Receptacle, 24 Circuits, Right Wire Output, Gray Coding, Mat Sealed, Row 4 Closed

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-98420-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-98420-002-CH-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-001 (PDF)</a>	<a href="#">Application Specification AS-98420-002-FR-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-CH-001 (PDF)</a>	<a href="#">Application Specification AS-98420-002-SP-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-FR-001 (PDF)</a>	<a href="#">Packaging Specification PK-64319-001-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-SP-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Application tooling part link**

Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200

**General**

Product Family	Crimp Housings
Series	<a href="#">64319</a>
Application	Automotive, Power, Wire-to-Board
Comments	Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C . Current max = 6.0A for 0.635mm Terminal (0.75mm <sup>2</sup> wire) and 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> wire), Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C . Current max = 6.0A for 0.635mm Terminal (0.75mm <sup>2</sup> wire) and 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> 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	883906135058

**Physical**

Circuits (maximum)	24
Circuits Detail	6 x 1.5mm, 18 x 0.635mm terminals
Color - Resin	Gray
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	29.506/g
Number of Rows	3
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Not Relevant

Compliant

Not Contained

**Search Parts in this Series**

[64319 Series](#)

**Mates With**

Please Contact Molex for Details

**Use With**

CMC CP Terminals [64322](#) , [64323](#). CMC Wire Cap [643191201](#). Sealing Plugs [643251010](#) , [643251023](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Continuity Test Pen Assembly	<a href="#">638121100</a>
Unlocking Tool for CMC and	<a href="#">638241200</a>

Stackable  
Temperature Range - Operating

No  
-40° to +125°C

CMX Receptacle  
Connector

**Electrical**

Current - Maximum per Contact

12.0A, 6.0A

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-64319-002-001, AS-64319-002-CH-001,  
AS-64319-002-FR-001, AS-64319-002-SP-001,  
AS-98420-002-001, AS-98420-002-CH-001,  
AS-98420-002-FR-001, AS-98420-002-SP-001

Packaging Specification

PK-64319-001-001

Sales Drawing

SD-64319-003

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