

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0643191218**  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Gray Coding, Mat Sealed

**Documents:**

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

**General**

Product Family	Crimp Housings
Series	64319
Application	Power, Wire-to-Board
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
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)
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	883906129750

**Physical**

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 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	29.426/g
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C

**Electrical**



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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**

64333-0100 112-Circuit CMC header

**Use With**

CMC CP Terminals 64322 , 64323. CMC Wire Cap 64319-1201. Sealing Plugs 64325-1010 , 64325-1023 , 64333-0100

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  
Product Specification PS-64319-001, PS-64319-002-001  
Sales Drawing SD-64319-001-001

This document was generated on 10/22/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[64319-1218](#)