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**Part Number:** [0643193211](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Black Coding, Mat Sealed

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>  | <a href="#">Application Specification AS-64319-002-SP-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</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="#">Product Specification PS-64319-001-001 (PDF)</a>        | <a href="#">Application Specification AS-98420-002-FR-001 (PDF)</a> |
| <a href="#">Product Specification PS-64319-002-001 (PDF)</a>        | <a href="#">Application Specification AS-98420-002-SP-001 (PDF)</a> |
| <a href="#">Application Specification 984200002-AS-KR-000 (PDF)</a> | <a href="#">Packaging Specification PK-64319-001-001 (PDF)</a>      |
| <a href="#">Application Specification AS-64319-002-001 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                                     |
| <a href="#">Application Specification AS-64319-002-CH-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>                |
| <a href="#">Application Specification AS-64319-002-FR-001 (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) |
| 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  |
| Taxonomy                       | Connector Housings   |
| UPC                            | 883906131135   |

**Physical**

|                       |                                    |
|-----------------------|------------------------------------|
| Circuits (maximum)    | 32                                 |
| Circuits Detail       | 8 x 1.5mm & 24 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            | 29.426/g                           |
| Number of Rows        | 4                                  |
| Packaging Type        | Carton                             |
| Panel Mount           | No                                 |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2022)4187-DC (10 June 2022)

**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**

[64319 Series](#)

**Mates With**

32-Circuit CMC Header [643340100](#) . 112-Circuit CMC Header [643330100](#) . 80-Circuit CMC Header [5022250801](#)

**Use With**

CMC CP Terminals [64322](#) (0.635mm), [64323](#) (1.50mm) . 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 [638121100](#)

Pitch - Mating Interface 2.54mm, 3.70mm  
Polarized to Mating Part Yes  
Stackable No  
Temperature Range - Operating -40° to +125°C

Unlocking Tool 638241200  
for CMC and  
CMX Receptacle  
Connector

**Electrical**

Current - Maximum per Contact 12.0A, 2.5A

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification 984200002-AS-KR-000, 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-64319-001-001, PS-64319-002-001  
Sales Drawing SD-64319-001-001

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