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**Part Number:** [0643202319](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** .635mm, 1.50mm, CMC Receptacle, 36 Circuits, Left Wire Output, Brown Coding, Mat Sealed, Row 1 Closed

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>  | <a href="#">Application Specification AS-98420-002-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a>                                      | <a href="#">Application Specification AS-98420-002-CH-001 (PDF)</a> |
| <a href="#">Drawing (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-64320-001-001 (PDF)</a>      |
| <a href="#">Application Specification AS-64319-002-FR-001 (PDF)</a> | <a href="#">Datasheet (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="#">64320</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

|              |  |
|--------------|--|
| Product Name | <a href="#">CMC and CMX Sealed, Hybrid, Modular Connectors</a> |
| Taxonomy     | CMC  |
| UPC          | Connector Housings<br>883906131128                             |

**Physical**

|                          |                                   |
|--------------------------|-----------------------------------|
| Circuits (maximum)       | 36                                |
| Circuits Detail          | 6 x 1.5mm, 30 x 0.635mm terminals |
| Color - Resin            | Brown                             |
| Gender                   | Receptacle                        |
| Glow-Wire Capable        | No                                |
| Keying to Mating Part    | Yes                               |
| Lock to Mating Part      | Yes                               |
| Material - Resin         | Polyester                         |
| Net Weight               | 36.031/g                          |
| Number of Rows           | 3                                 |
| Packaging Type           | Carton                            |
| Panel Mount              | No                                |
| Pitch - Mating Interface | 2.54mm, 3.70mm                    |
| Polarized to Mating Part | Yes                               |
| Stackable                | 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 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**

[64320 Series](#)

**Mates With**

CMC Header [36638](#)

**Use With**

CMC CP Female Terminal [64322](#) (0.635mm), [64323](#) (1.50mm) . CMC Wire Cap [643201301](#) . 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 [638121100](#)

Assembly

Unlocking Tool

for CMC and

[638241200](#)

Temperature Range - Operating -40° to +125°C

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 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-64320-001-001  
Sales Drawing 643200003-000, SD-64320-003-001

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