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Part Number: [0643201319](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Brown Coding, Mat Sealed

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-98420-002-001 (PDF) |
| 3D Model (PDF) | Application Specification AS-98420-002-CH-001 (PDF) |
| Drawing (PDF) | Application Specification AS-98420-002-FR-001 (PDF) |
| Product Specification PS-64319-001-001 (PDF) | Application Specification AS-98420-002-SP-001 (PDF) |
| Application Specification AS-64319-002-001 (PDF) | Packaging Specification PK-64320-001-001 (PDF) |
| Application Specification AS-64319-002-CH-001 (PDF) | Datasheet (PDF) |
| Application Specification AS-64319-002-FR-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-64319-002-SP-001 (PDF) | |

Application tooling part link

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

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 64320 |
| 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 ² wire) and 12.0A for 1.50mm Terminal (2.00mm ² wire) |

More Detailed Tech Information Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses

| | |
|--------------|--|
| Overview | CMC and CMX Sealed, Hybrid, Modular Connectors |
| Product Name | CMC |
| UPC | 883906129811 |

Physical

| | |
|--------------------------|------------------------------------|
| Circuits (maximum) | 48 |
| Circuits Detail | 8 x 1.5mm & 40 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 | 35.771/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 |



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free
Status

Low-Halogen

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

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Compliant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[64320 Series](#)

Mates With

CMC Header [5022250801](#) , [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 Assembly | 638121100 |
| 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
Product Specification PS-64319-001-001
Sales Drawing SD-64320-001-001

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