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Part Number: [0643193219](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Brown Coding, Mat Sealed

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-64319-002-SP-001 (PDF) |
| 3D Model (PDF) | Application Specification AS-98420-002-001 (PDF) |
| Drawing (PDF) | Application Specification AS-98420-002-CH-001 (PDF) |
| Product Specification PS-64319-001-001 (PDF) | Application Specification AS-98420-002-FR-001 (PDF) |
| Product Specification PS-64319-002-001 (PDF) | Application Specification AS-98420-002-SP-001 (PDF) |
| Application Specification 984200002-AS-KR-000 (PDF) | Packaging Specification PK-64319-001-001 (PDF) |
| Application Specification AS-64319-002-001 (PDF) | Datasheet (PDF) |
| Application Specification AS-64319-002-CH-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-64319-002-FR-001 (PDF) | |

Application tooling part link

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

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 64319 |
| 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 (2.0mm ² wire) |

[More Detailed Tech Information](#)

Overview

| | |
|--------------|--|
| Product Name | CMC and CMX Sealed, Hybrid, Modular Connectors |
| UPC | CMC 883906134860 |

Physical

| | |
|--------------------------|------------------------------------|
| Circuits (maximum) | 32 |
| 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 | 29.426/g |
| Number of Rows | 4 |
| Packaging Type | Carton |
| Panel Mount | No |
| Pitch - Mating Interface | 2.54mm, 3.70mm |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

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 [643340300](#)

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 | 638121100 |
|---------------------|---------------------------|

Assembly

| | |
|----------------|---------------------------|
| Unlocking Tool | 638241200 |
|----------------|---------------------------|

for CMC and

Polarized to Mating Part Yes
Stackable No
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 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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