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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:

3D Model	Application Specification AS-64319-002-SP-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-002-001 (PDF)
3D Model (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 AS-64319-002-001 (PDF)	Packaging Specification PK-64319-001-001 (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 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 (0.75mm² wire) and 12.0A for 1.50mm Terminal (2.00mm² 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 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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[64319 Series](#)

Mates With

112-Circuit CMC Header [643330100](#)

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 #
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Continuity Test Pen	638121100
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Assembly

Unlocking Tool	638241200
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for CMC and

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

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