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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 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 (2.00mm ² wire)

[More Detailed Tech Information](#)

Overview	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Product Name	CMC and CMX Sealed, Hybrid, Modular Connectors
UPC	CMC 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



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	Green Image
ELV	Compliant
RoHS Phthalates	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 #
Continuity Test Pen Assembly	638121100
Unlocking Tool for CMC and	638241200

Polarized to Mating Part	Yes	CMX Receptacle Connector
Stackable	No	
Temperature Range - Operating	-40° to +125°C	
Electrical		
Current - Maximum per Contact	12.0A, 2.5A	
Solder Process Data		
Lead-freeProcess 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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