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Part Number: [0643193218](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Gray 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 (2.00mm 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
Taxonomy	Connector Housings
UPC	883906134853

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



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 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](#)

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 Assembly	638121100
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Unlocking Tool for CMC and CMX Receptacle Connector	638241200
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Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C

Electrical

Current - Maximum per Contact	12.0A, 2.5A
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Solder Process Data

Lead-free Process Capability	N/A
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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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