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Part Number: [64319-1218](#)
Status: **Active**
Overview: CMC Sealed, Hybrid, Modular Connectors and Headers
Description: .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Gray Coding, Mat Sealed

Documents:

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

General

Product Family	Crimp Housings
Series	64319
Application	Power, Wire-to-Board
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
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 Sealed, Hybrid, Modular Connectors and Headers
Product Name	CMC
UPC	883906129750

Physical

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Gray
Gender	Female
Glow-Wire Compliant	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
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	12A, 6A
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Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[64319Series](#)

Mates With

[64333-0100](#) 112-Circuit CMC header

Use With

CMC CP Terminals [64322](#) , [64323](#). CMC Wire Cap [64319-1201](#). Sealing Plugs [64325-1010](#) , [64325-1023](#) , [64333-0100](#)

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	0638121100
Unlocking Tool for CMC and CMX Receptacle Connector	0638241200

Application Specification

AS-64319-002, AS-64319-002-CH, AS-64319-002-FR,
AS-64319-002-SP, AS-98420-002, AS-98420-002-CH,
AS-98420-002-FR, AS-98420-002-SP

Packaging Specification

PK-64319-001

Product Specification

PS-64319-001, PS-64319-002

Sales Drawing

SD-64319-001

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