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Part Number: **0643181018**
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, Power CMC Connector, 28 Circuits, Left Wire Output, Gray Coding, Mat Sealed

Documents:

3D Model	Application Specification AS-64318-002-SP-001 (PDF)
3D Model (PDF)	Application Specification AS-98420-001-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-001-CH-001 (PDF)
Product Specification PS-64321-001-001 (PDF)	Application Specification AS-98420-001-FR-001 (PDF)
Application Specification AS-64318-002-001 (PDF)	Application Specification AS-98420-001-SP-001 (PDF)
Application Specification AS-64318-002-CH-001 (PDF)	Datasheet (PDF)
Application Specification AS-64318-002-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

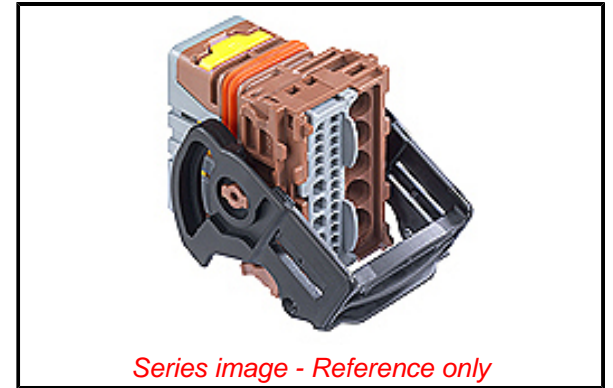
Product Family Crimp Housings
 Series **64318**
 Application Automotive, Power, Wire-to-Board
 Comments * Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 21.0A for 2.80mm Terminal (5.00mm² wire), 12.0A for 1.50mm Terminal (2.00mm² wire), 2.5A for 0.635mm Terminal(0.75mm² wire) *

More Detailed Tech Information Sealed, high-density, power, 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 883906135119

Physical

Circuits (maximum) 28
 Circuits Detail 5x 2.8mm, 5 x 1.5mm, 18 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 35.290/g
 Number of Rows 3
 Packaging Type Carton
 Panel Mount No
 Pitch - Mating Interface 2.54mm, 3.50mm, 6.75mm
 Polarized to Mating Part Yes
 Stackable No



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
64318 Series

Mates With

CMC Header [47745](#) - please contact Molex for details

Use With

CMC CP Female Terminal [64322](#) (0.635mm), [64323](#) (1.50mm), [64324](#) (2.80mm) . CMC Wire Cap [643201301](#) . Sealing Plugs [643251010](#) , [643251023](#) , [643251091](#)

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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Temperature Range - Operating -40° to +125°C

Electrical

Current - Maximum per Contact 12.0A, 2.5A, 21.0A

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-64318-002-001, AS-64318-002-CH-001,
AS-64318-002-FR-001, AS-64318-002-SP-001,
AS-98420-001-001, AS-98420-001-CH-001,
AS-98420-001-FR-001, AS-98420-001-SP-001
Product Specification PS-64321-001-001
Sales Drawing SD-64318-001-001

Unlocking Tool 638241200
for CMC and
CMX Receptacle
Connector

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