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Part Number: [0643212018](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Right 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)	Packaging Specification PK-98995-001-001 (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

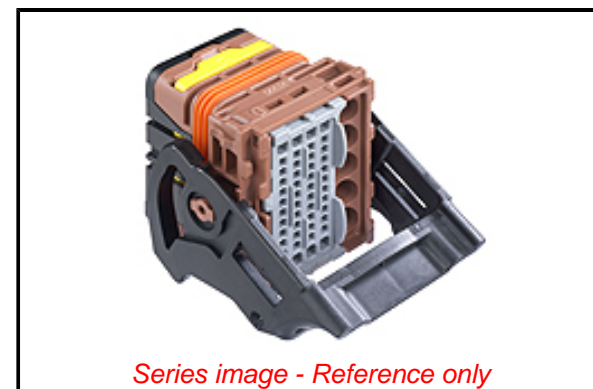
Product Family Crimp Housings
 Series [64321](#)
 Application Automotive, Power, Wire-to-Board
 Comments * Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 21.0A for 2.80mm Terminal (5.0mm² wire), 12.0A for 1.50mm Terminal (2.00mm² wire), 2.5A for 0.635mm 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 883906135317

Physical

Circuits (maximum) 53
 Circuits Detail 5x 2.8mm, 8 x 1.5mm, 40 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 50.860/g
 Number of Rows 5
 Packaging Type Carton
 Panel Mount No
 Pitch - Mating Interface 2.54mm, 3.50mm, 7.00mm
 Polarized to Mating Part Yes
 Stackable No



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

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

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

[64321 Series](#)

Mates With

Please contact Molex for details

Use With

CMC CP Female Terminal [64322](#) (0.635mm), [64323](#) (1.50mm) . CMC Wire Cap [643211101](#) . 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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Unlocking Tool for CMC and	638241200
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Temperature Range - Operating -40° to +125°C

CMX Receptacle
Connector

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
Packaging Specification PK-98995-001-001
Product Specification PS-64321-001-001
Sales Drawing SD-64321-001-001

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[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)
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