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Part Number: [0643212019](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Right Wire Output, Brown 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) *, * 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) *

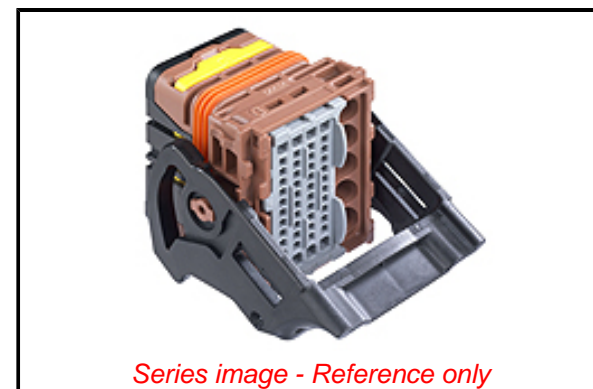
[More Detailed Tech Information](#)

Overview

Product Name [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
 UPC CMC 883906135324

Physical

Circuits (maximum) 53
 Circuits Detail 5x 2.8mm, 8 x 1.5mm, 40 x 0.635mm terminals
 Color - Resin Brown
 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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Not Relevant

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[64321 Series](#)

Mates With

[347630001](#) 154-Circuit CMC Header

Use With

[64322 CP 0.635](#), [64323 CP 1.5](#). Circuit Way Plugs [643251010](#), [643251023](#), [643251091](#). CMC Wire Cap [643211101](#). Header [989971002](#), [347630001](#), [643251162](#), [643251175](#), [643251188](#), [643251196](#)

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	638121100
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Assembly

Unlocking Tool	638241200
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for CMC and

Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.50mm, 7.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C

CMX Receptacle Connector

Electrical

Current - Maximum per Contact	12.0A, 2.5A, 21.0A
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Solder Process Data

Lead-free Process Capability	N/A
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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

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