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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-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 Specification AS-64318-002-SP-001 (PDF)	

General

Product Family	Crimp Housings
Series	64321
Application	Power, Wire-to-Board
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
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	Female
Glow-Wire Compliant	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
Temperature Range - Operating	-40°C to +125°C



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free
Status

Not Relevant

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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[64321](#) Series

Mates With
Please Contact Molex for Details

Use With
[64322](#) CP 0.635, [64323](#) CP 1.5. Circuit
Way Plugs [64325-1010](#) , [64325-1023](#) ,
[64325-1091](#). CMC Wire Cap [64321-1101](#).
Header [98997-1002](#)

Electrical

Current - Maximum per Contact12.0A, 2.5A, 21.0A

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Application SpecificationAS-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 SpecificationPK-98995-001-001
Product SpecificationPS-64321-001-001
Sales DrawingSD-64321-001

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