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Part Number:

0643211019

Status:

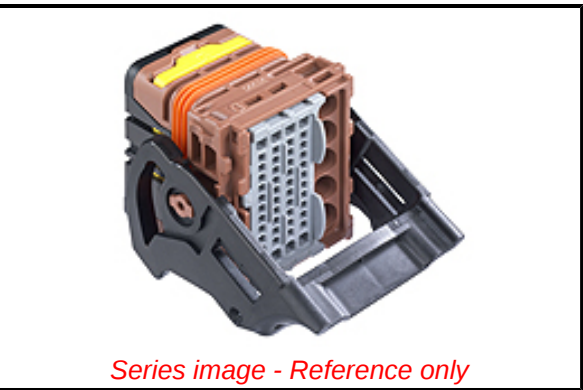
Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

.635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Left Wire Output, Brown Coding, Mat Sealed



Series image - Reference only

Documents:	
3D Model	Application Specification AS-64318-002-SP-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-001-001 (PDF)
3D Model (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	883906135188
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
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.50mm, 7.00mm
Polarized to Mating Part	Yes
Stackable	No

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	Green Image
ELV	Compliant
RoHS Phthalates	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 #
Continuity Test Pen	638121100
Assembly	
Unlocking Tool	638241200
for CMC and	

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-freeProcess 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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