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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

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)	

Application tooling part link

Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200

General

Product Family	Crimp Housings
Series	64321
Application	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	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



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 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
Please Contact Molex for Details

Use With
Female Terminals [64322 CP 0.635](#), [64323 CP 1.5](#). Circuit Way Plugs [643251010](#) , [643251023](#) , [643251091](#). CMC Wire Cap [643211101](#). Header [989971002](#)

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.

Description	Product #
Continuity Test Pen Assembly	638121100
Unlocking Tool for CMC and	638241200

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

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