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Part Number: 64321-2019
Status: Active
Overview: CMC Sealed, Hybrid, Modular Connectors and Headers
Description: .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Right Wire Output, Brown Coding, Mat Sealed



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-64321-001 (PDF)
Application Specification AS-64318-002 (PDF)
Application Specification AS-64318-002-FR (PDF)
Application Specification AS-64318-002-SP (PDF)
Application Specification AS-98420-001 (PDF)
Application Specification AS-98420-001-FR (PDF)
Application Specification AS-98420-001-SP (PDF)
Packaging Specification PK-98995-001 (PDF)
RoHS Certificate of Compliance (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 Sealed, Hybrid, Modular Connectors and Headers
Product Name	CMC
UPC	883906135324

Physical

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

Electrical

Current - Maximum per Contact	12A, 2.5A, 21A

Material Info

Reference - Drawing Numbers

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
64321Series

Mates With
34763-0001 154 Circuit CMC Header

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 , 34763-0001 , 64325-1162 , 64325-1175 , 64325-1188 , 64325-1196

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 Assembly	0638121100

Application Specification	AS-64318-002, AS-64318-002-FR, AS-64318-002-SP, AS-98420-001, AS-98420-001-FR, AS-98420-001-SP	Unlocking Tool for CMC and CMX Receptacle Connector	0638241200
Packaging Specification	PK-98995-001		
Product Specification	PS-64321-001		
Sales Drawing	SD-64321-001		

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