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Part Number: 0643211011
Status: Active
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Left Wire Output, Black Coding, Mat Sealed



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-64321-001-001 (PDF)
- Application Specification AS-64318-002-001 (PDF)
- Application Specification AS-64318-002-CH-001 (PDF)
- Application Specification AS-64318-002-FR-001 (PDF)
- Application Specification AS-64318-002-SP-001 (PDF)
- Application Specification AS-98420-001-001 (PDF)
- Application Specification AS-98420-001-CH-001 (PDF)
- Application Specification AS-98420-001-FR-001 (PDF)
- Application Specification AS-98420-001-SP-001 (PDF)
- Packaging Specification PK-98995-001-001 (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 and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	883906135164

Physical

Circuits (maximum)	53
Circuits Detail	5x 2.8mm, 8 x 1.5mm, 40 x 0.635mm terminals
Color - Resin	Black
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	50.880/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

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

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

Halogen-Free Status
Not Relevant

Need more information on product 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
98997-1002 53 Circuit CMC Header

Use With
Female Terminals 64322 CP 0.635, 64323 CP 1.5. Circuit Way Plugs 64325-1010 , 64325-1023 , 64325-1091. CMC Wire Cap 64321-1101. Header 989971002 , 64325-1162 , 64325-1175 , 64325-1188 , 6432 5-1196

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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