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Part Number:

0643201315

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Green Coding, Mat Sealed



Documents:	
3D Model	Application Specification AS-98420-002-001 (PDF)
3D Model (PDF)	Application Specification AS-98420-002-CH-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-002-FR-001 (PDF)
Product Specification PS-64319-001-001 (PDF)	Application Specification AS-98420-002-SP-001 (PDF)
Application Specification AS-64319-002-001 (PDF)	Packaging Specification PK-64320-001-001 (PDF)
Application Specification AS-64319-002-CH-001 (PDF)	Datasheet (PDF)
Application Specification AS-64319-002-FR-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-64319-002-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	64320
Application	Automotive, Power, Wire-to-Board
Comments	Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C; Current max = 6.0A for 0.635mm Terminal (0.75mm² wire) and 12.0A for 1.50mm Terminal (2.00mm² wire)

More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
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Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
Taxonomy	Connector Housings
UPC	883906129798

Physical	
Circuits (maximum)	48
Circuits Detail	8 x 1.5mm & 40 x 0.635mm terminals
Color - Resin	Green
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	35.700/g
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes

EU ELV Compliant	
EU RoHS Compliant	China RoHS
REACH SVHC Not Contained Per - D(2022)4187-DC (10 June 2022)	
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
[64320 Series](#)

Mates With
Please contact Molex for details

Use With
CMC CP Female Terminal [64322](#)
(0.635mm), [64323](#) (1.50mm) . CMC Wire
Cap [643201301](#) . Sealing Plugs [643251010](#)
, [643251023](#)

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	638121100
Unlocking Tool for CMC and	638241200

Stackable	No	CMX Receptacle Connector
Temperature Range - Operating	-40° to +125°C	
Electrical		
Current - Maximum per Contact	12.0A, 2.5A	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-64319-002-001, AS-64319-002-CH-001, AS-64319-002-FR-001, AS-64319-002-SP-001, AS-98420-002-001, AS-98420-002-CH-001, AS-98420-002-FR-001, AS-98420-002-SP-001	
Packaging Specification	PK-64320-001-001	
Product Specification	PS-64319-001-001	
Sales Drawing	SD-64320-001-001	

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