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Part Number:

0643193218

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

.635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Gray Coding, Mat Sealed

Documents:	
3D Model	Application Specification AS-64319-002-SP-001 (PDF)
3D Model (PDF)	Application Specification AS-98420-002-001 (PDF)
Drawing (PDF)	Application Specification AS-98420-002-CH-001 (PDF)
Product Specification PS-64319-001-001 (PDF)	Application Specification AS-98420-002-FR-001 (PDF)
Product Specification PS-64319-002-001 (PDF)	Application Specification AS-98420-002-SP-001 (PDF)
Application Specification 984200002-AS-KR-000 (PDF)	Packaging Specification PK-64319-001-001 (PDF)
Application Specification AS-64319-002-001 (PDF)	Datasheet (PDF)
Application Specification AS-64319-002-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-64319-002-FR-001 (PDF)	

Application tooling part link	
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
General	
Product Family	Crimp Housings
Series	64319
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
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	883906134853
Physical	
Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Gray
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	29.426/g
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

64319 Series

Use With

CMC CP Terminals [64322](#) (0.635mm), [64323](#) (1.50mm) . CMC Wire Cap [643191201](#) . 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 CMX Receptacle Connector	638241200

Polarized to Mating Part	Yes
Stackable	No
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	984200002-AS-KR-000, 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-64319-001-001
Product Specification	PS-64319-001-001, PS-64319-002-001
Sales Drawing	SD-64319-001-001

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