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Part Number: [64318-3011](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, Power CMC Connector, 28 Circuits, Right Wire Output, Black Coding, Mat Sealed

Documents:

3D Model	Application Specification AS-64318-002-SP (PDF)
Drawing (PDF)	Application Specification AS-98420-001 (PDF)
Product Specification PS-64318-001 (PDF)	Application Specification AS-98420-001-FR (PDF)
Product Specification PS-64321-001 (PDF)	Application Specification AS-98420-001-SP (PDF)
Application Specification AS-64318-002 (PDF)	Packaging Specification PK-98994-001 (PDF)
Application Specification AS-64318-002-FR (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Housings
Series	64318
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 (5.00mm ² wire), 12.0A for 1.50mm Terminal (2.00mm ² wire), 2.5A for 0.635mm Terminal(0.75mm ² 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	883906135133

Physical

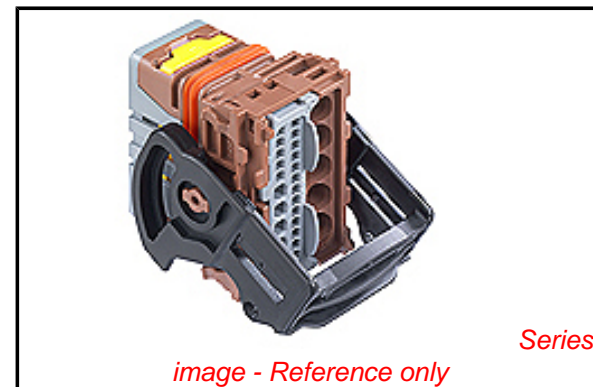
Circuits (maximum)	28
Circuits Detail	5x 2.8mm, 5 x 1.5mm, 18 x 0.635mm terminals
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	35.290/g
Number of Rows	3
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.50mm, 6.75mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

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

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status 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

[64318Series](#)

Mates With

47745 CMC Header Please Contact Molex for Details

Use With

Female Terminals [64322 CP 0.635](#), [64323 CP 1.5](#), [64324 CP 2.8](#) . Circuit Way Plugs, [64325-1010](#) , [64325-1023](#) , [64325-1091](#) . CMC Wire Cap, [64320-1301](#) , [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 #
Unlocking Tool for CMC and	0638241200

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-64318-002, AS-64318-002-FR, AS-64318-002-SP,
AS-98420-001, AS-98420-001-FR, AS-98420-001-SP
PK-98994-001
PS-64318-001, PS-64321-001
SD-64318-001

CMX Receptacle
Connector
Continuity Test Pen [0638121100](#)
Assembly

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