

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [64318-3011](#)
Status: **Active**
Overview: CMC Sealed, Hybrid, Modular Connectors and Headers
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	<u>CMC Sealed, Hybrid, Modular Connectors and Headers</u>
Product Name	CMC
UPC	883906135133

Physical

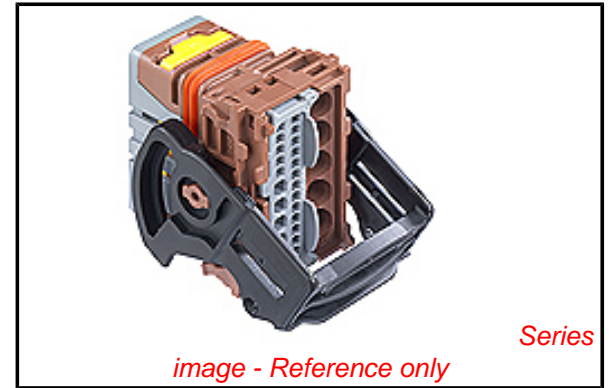
Circuits (maximum)	28
Circuits Detail	5x 2.8mm, 5 x 1.5mm, 18 x 0.635mm terminals
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	35.290/g
Number of Rows	3
Packaging Type	Carton
Panel Mount	No
Pitch - Mating 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
-------------------------------	----------------

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
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

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 #
Continuity Test Pen Assembly	0638121100

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

Unlocking Tool 0638241200
for CMC and
CMX Receptacle
Connector

This document was generated on 04/08/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION