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Part Number: **0643183019**

Status: **Active**

Overview: cmc connectors

Description: .635mm (.025"), 1.50mm (.059"), 2.80mm (.110"), Power CMC Connector, 28 Circuits, Right Wire Output, Brown Coding, Mat Sealed

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Application Specification \(PDF\)](#)

[Product Specification PS-64318-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family
Series
Application
Comments

Crimp Housings
64318
Power
* Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 21.0A for 2.8mm Terminal (5.0mm² wire), 12.0A for 1.5mm Terminal (2.0mm² 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
Product Name

cmc connectors
CMC

Physical

Circuits (maximum)
Circuits Detail
Color - Resin
Gender
Glow-Wire Compliant
Keying to Mating Part
Lock to Mating Part
Material - Resin
Number of Rows
Packaging Type
Panel Mount
Pitch - Mating Interface
Polarized to Mating Part
Stackable
Temperature Range - Operating

28
5x 2.8mm, 5 x 1.5mm, 18 x 0.635mm terminals
Brown
Female
No
Yes
Yes
Polyester
3
Carton
No
2.54mm (.100"), 3.50mm (.138"), 6.75mm (.266")
Yes
No
-40°C to +125°C

Electrical

Current - Maximum per Contact

12A, 2.5A, 21A

Material Info

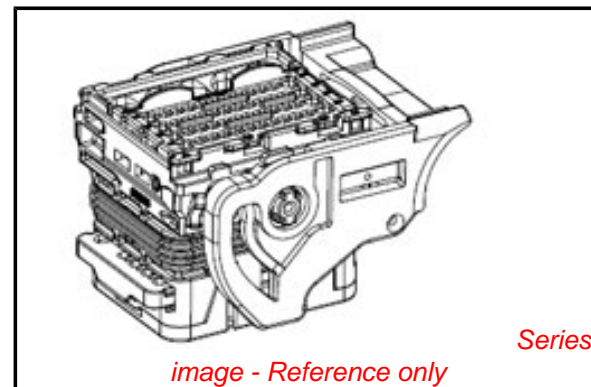
Country of Origin

CN, PL, SK

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-64318-001
PK-98994-001
PS-64318-001
SD-64318-001, SD-98994-001



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

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

28 Circuit CMC Header Coming Soon - Please Contact Molex for Details

Use With

Female Terminals [64322 CP 0.635 \(.025"\)](#), [64323 CP 1.5 \(.059"\)](#)[Link:64324 CP 2.8 \(.110"\)](#) . Circuit Way Plugs [643251010](#) , [643251023](#) , [643251091](#). CMC Wire Cap [643201301](#)

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