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Part Number: **0643181019**
Status: **Active**
Overview: cmc connectors
Description: .635mm (.025"), 1.50mm (.059"), 2.80mm (.110"), Power CMC Connector, 28 Circuits, Left Wire Output, Brown Coding, Mat Sealed

Documents:

[3D Model](#)
[Application Specification \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-64318-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | Crimp Housings |
| Series | 64318 |
| Application | Power |
| Comments | * Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 21.0A for 2.8mm Terminal (5.0mm ² wire), 12.0A for 1.5mm Terminal (2.0mm 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 connectors</u> |
| Product Name | CMC |

Physical

| | |
|-------------------------------|------------------------------------------------|
| Circuits (maximum) | 28 |
| Circuits Detail | 5x 2.8mm, 5 x 1.5mm, 18 x 0.635mm terminals |
| Color - Resin | Brown |
| Gender | Female |
| Glow-Wire Compliant | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Number of Rows | 3 |
| Packaging Type | Carton |
| Panel Mount | No |
| Pitch - Mating Interface | 2.54mm (.100"), 3.50mm (.138"), 6.75mm (.266") |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40°C to +125°C |

Electrical

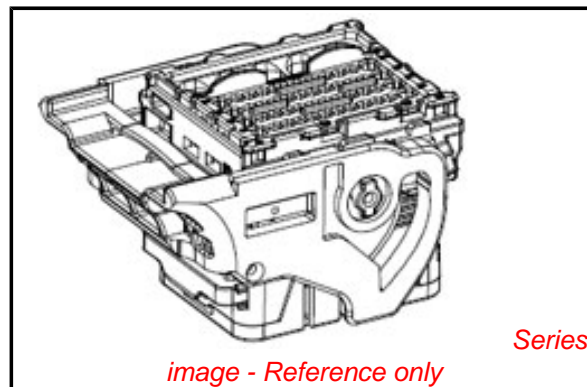
| | |
|-------------------------------|----------------|
| Current - Maximum per Contact | 12A, 2.5A, 21A |
|-------------------------------|----------------|

Material Info

| | |
|-------------------|------------|
| Country of Origin | CN, PL, SK |
|-------------------|------------|

Reference - Drawing Numbers

| | |
|---------------------------|----------------------------|
| Application Specification | AS-64318-001 |
| Packaging Specification | PK-98994-001 |
| Product Specification | PS-64318-001 |
| Sales Drawing | 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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