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Part Number: [0643201319](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Brown Coding, Mat Sealed

Documents:

| | |
|---|---|
| 3D Model | 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) |
| Application Specification AS-64319-002-001 (PDF) | Application Specification AS-98420-002-SP-001 (PDF) |
| Application Specification AS-64319-002-CH-001 (PDF) | Packaging Specification PK-64320-001-001 (PDF) |
| Application Specification AS-64319-002-FR-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-64319-002-SP-001 (PDF) | |

General

| | |
|--------------------------------|--|
| Product Family | Crimp Housings |
| Series | 64320 |
| Application | Power, Wire-to-Board |
| Application Tooling Part Link | 63812-1100 |
| Application Tooling Part Link | 63824-1200 |
| Comments | Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C . Current max = 6.0A for 0.635mm Terminal (0.75mm ² wire) and 12.0A for 1.50mm Terminal (2.00mm ² 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 | 883906129811 |

Physical

| | |
|-------------------------------|------------------------------------|
| Circuits (maximum) | 48 |
| Circuits Detail | 8 x 1.5mm & 40 x 0.635mm terminals |
| Color - Resin | Brown |
| Gender | Receptacle |
| Glow-Wire Compliant | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 35.771/g |
| Number of Rows | 4 |
| Packaging Type | Carton |
| Panel Mount | No |
| Pitch - Mating Interface | 2.54mm, 3.70mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40°C to +125°C |

Electrical



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Not Relevant

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[64320](#) Series

Mates With

[36638](#) CMC Header [502225-0801](#) 80-Circuit CMC Header

Use With

CMC CP Female Terminal [64322](#) , [64323](#). Circuit Way Plugs, [64325-1010](#) , [64325-1023](#). CMC Wire Cap, [64320-1301](#). CMC 48 Circuit Header, [36638](#) , [502225-0801](#)

Current - Maximum per Contact 12.0A, 6.0A

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification 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-64320-001-001

Product Specification PS-64319-001-001

Sales Drawing SD-64320-001

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