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Part Number: **0643212011**
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: .635mm, 1.50mm, 2.80mm, CMC Receptacle, 53 Circuits, Right Wire Output, Black Coding, Mat Sealed

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-98420-001-001 (PDF) |
| Drawing (PDF) | Application Specification AS-98420-001-CH-001 (PDF) |
| Product Specification PS-64321-001-001 (PDF) | Application Specification AS-98420-001-FR-001 (PDF) |
| Application Specification AS-64318-002-001 (PDF) | Application Specification AS-98420-001-SP-001 (PDF) |
| Application Specification AS-64318-002-CH-001 (PDF) | Packaging Specification PK-98995-001-001 (PDF) |
| Application Specification AS-64318-002-FR-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-64318-002-SP-001 (PDF) | |

General

| | |
|--------------------------------|---|
| Product Family | Crimp Housings |
| Series | 64321 |
| 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 (5.0mm 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 | 883906135201 |

Physical

| | |
|-------------------------------|---|
| Circuits (maximum) | 53 |
| Circuits Detail | 5x 2.8mm, 8 x 1.5mm, 40 x 0.635mm terminals |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 50.860/g |
| Number of Rows | 5 |
| Packaging Type | Carton |
| Panel Mount | No |
| Pitch - Mating Interface | 2.54mm, 3.50mm, 7.00mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +125°C |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

Prop65

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[64321](#) Series

Mates With

[98997-1002](#) 53 Circuit CMC Header
[34763-0001](#) 154 Circuit CMC Header

Use With

[64322](#) CP 0.635, [64323](#) CP 1.5. Circuit Way Plugs [64325-1010](#), [64325-1023](#), [64325-1091](#). CMC Wire Cap [64321-1101](#). Header [98997-1002](#), [34763-0001](#), [64325-1162](#), [64325-1175](#), [643 25-1188](#), [64325-1196](#)

Electrical

Current - Maximum per Contact 12.0A, 2.5A, 21.0A

Solder Process Data

Lead-free Process Capability N/A

Material Info**Reference - Drawing Numbers**

Application Specification AS-64318-002-001, AS-64318-002-CH-001,
AS-64318-002-FR-001, AS-64318-002-SP-001,
AS-98420-001-001, AS-98420-001-CH-001,
AS-98420-001-FR-001, AS-98420-001-SP-001
Packaging Specification PK-98995-001-001
Product Specification PS-64321-001-001
Sales Drawing SD-64321-001

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