



**Part Number :** 643203315

**Product Description :** .635mm, 1.50mm, CMC Receptacle, 48 Circuits, Right Wire Output, Green Coding, Mat Sealed



**Series Number :** 64320

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[Drawing 643203315\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 643203315\\_stp.zip](#)

### Specifications

[Application Specification AS-64319-002-001.pdf](#)

[Application Specification AS-64319-002-CH-001.pdf](#)

[Application Specification AS-64319-002-FR-001.pdf](#)

[Application Specification AS-64319-002-SP-001.pdf](#)

[Application Specification AS-98420-002-001.pdf](#)

[Application Specification AS-98420-002-CH-001.pdf](#)

[Application Specification AS-98420-002-FR-001.pdf](#)

[Application Specification AS-98420-002-SP-001.pdf](#)

[Packaging Specification PK-64320-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	64320
Description	.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Right Wire Output, Green Coding, Mat Sealed
Application	Automotive, Power, Wire-to-Board
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 <sup>2</sup> wire) and 12.0A for 1.50mm Terminal (2.00mm <sup>2</sup> wire)
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	883906134884

#### Electrical

Current - Maximum per Contact	12.0A, 2.5A
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#### Physical

Circuits Detail	8 x 1.5mm & 40 x 0.635mm terminals
Circuits (maximum)	48
Color - Resin	Green
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	35.480/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° to +125°C

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	Please contact Molex for details

### Use with Part(s)

Description	Part Number
CMC Wire Cap for 48 Circuits and 28 Circuits, CMC Receptacle Mat Sealed	<a href="http://content/molex/molex-dot-com/us/en/products/product-page.html/643201301.html">/content/molex/molex-dot-com/us/en/products/product-page.html/643201301.html</a>
CMC 0.635mm Blind Cavity Plug	<a href="http://content/molex/molex-dot-com/us/en/products/product-page.html/643251010.html">/content/molex/molex-dot-com/us/en/products/product-page.html/643251010.html</a>

CMC 1.50mm Blind Cavity Plug	<a href="https://www.molex.com/us/en/products/product-page.html/643251023.html">/content/molex/molex-dot-com/us/en/products/product-page.html/643251023.html</a>
CMC CP Female Terminals	<a href="#">64322</a>
1.50mm CMC CP Female Terminals	<a href="#">64323</a>

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## Application Tooling

### Global

Description	Part Number
Continuity Test Pen Assembly	<a href="#">0638121100</a>
Unlocking Tool for CMC and CMX Receptacle Connector	<a href="#">0638241200</a>

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This document was generated on Jan 24, 2024