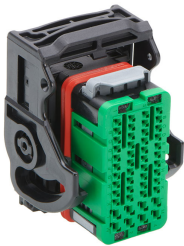




Part Number : [643203315](#)
Product Description : .635mm, 1.50mm, CMC
Receptacle, 48 Circuits, Right Wire Output,
Green Coding, Mat Sealed
Series Number : 64320
Status : Active
Product Category : Connector Housings



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](#)

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

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 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
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	883906134884

Electrical

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

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
------------------------------	-----

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	/content/molex/molex-dot-com/us/en/products/product-page.html/643201301.html
CMC 0.635mm Blind Cavity Plug	/content/molex/molex-dot-com/us/en/products/product-page.html/643251010.html

CMC 1.50mm Blind Cavity Plug	/content/molex/molex-dot-com/us/en/products/product-page.html/643251023.html
CMC CP Female Terminals	64322
1.50mm CMC CP Female Terminals	64323

Application Tooling

Global

Description	Part Number
Continuity Test Pen Assembly	0638121100
Unlocking Tool for CMC and CMX Receptacle Connector	0638241200

This document was generated on Jan 24, 2024