



Part Number : 643203311

Series Number : 64320

Product Category : Connector Housings

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

Status : Active

Documents & Resources


Drawings
Drawing 643203311_sd.pdf

3D Models and Design Files
3D Model 643203311_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	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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, Black 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	883906134877

Physical

Circuits Detail	8 x 1.5mm & 40 x 0.635mm terminals
Circuits (maximum)	48
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes

Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	35.680/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
2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 48 Circuits, Black	<u>5007620481</u>
CMC Right-Angle Headers	<u>36638</u>

Use with Part(s)

Description	Part Number
Wire Cap for Mat Sealed CMC Receptacle, 28 Circuits and 48 Circuits	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/643201301.html</u>
CMC 0.635mm Blind Cavity Plug	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/643251010.html</u>
CMC 1.50mm Blind Cavity Plug	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/643251023.html</u>
0.635mm CMC CP Female Terminals	<u>64322</u>
1.50mm CMC CP Female Terminals	<u>64323</u>

Application Tooling

Global

Description	Part Number
Continuity Test Pen Assembly	<u>638121100</u>
Unlocking Tool for CMC and CMX Receptacle Connector	<u>638241200</u>