



Part Number : [643204319](#)

Product Description : .635mm, 1.50mm, CMC Receptacle, 36 Circuits, Right Wire Output, Brown Coding, Mat Sealed, Row 1 closed

Series Number : 64320

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[643204319 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

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

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

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

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

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

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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant

REACH SVHC	Contains Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxane; Octamethylcyclotetrasiloxane per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	64320
Description	.635mm, 1.50mm, CMC Receptacle, 36 Circuits, Right Wire Output, Brown Coding, Mat Sealed, Row 1 closed
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 Name	CMC
UPC	883906135072

Physical

Circuits Detail	6 x 1.5mm, 30 x 0.635mm terminals
Circuits (maximum)	36
Color - Resin	Brown
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	36.031/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
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>643201301</u>
CMC 0.635mm Blind Cavity Plug	<u>643251010</u>
CMC 1.50mm Blind Cavity Plug	<u>643251023</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>