



**Part Number :** [643341001](#)  
**Product Description :** 2.50mm, 3.70mm CMC  
Header, Sealed, Right-Angle, 32 Circuits, 1 Port, Black  
**Series Number :** 64334  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[643341001\\_sd.pdf](#)

### 3D Models and Design Files

[643341001\\_stp.zip](#)

### Specifications


[643340000-AS-000.pdf](#)

[643340000-AS-CH-000.pdf](#)

[643340000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxane; Octamethylcyclotetrasiloxane per D(2024)7663-DC (21 Jan 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	PCB Headers and Receptacles
Series	64334
Description	2.50mm, 3.70mm CMC Header, Sealed, Right-Angle, 32 Circuits, 1 Port, Black
Application	Automotive, Power, Wire-to-Board
Comments	Coding: Black
Component Type	PCB Header
Product Name	CMC
UPC	191128880282

### Electrical

Current - Maximum per Contact	12.0A, 2.5A
Voltage - Maximum	14V DC

### Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	20

First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Resin	PBT
Net Weight	32.885/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
Pitch - Mating Interface	2.50mm, 3.70mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Solder or Weld

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
.635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Black Coding, Mat Sealed	<u>643191211</u>
.635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Black Coding, Mat Sealed	<u>643193211</u>