



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 |  |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not 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 | 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 |

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> |