Part Number : 643340100
Product Description : 2.50mm, 3.70mm CMC Header, Right-Angle, 32 Circuits, 1 Port, Black
Series Number : 64334
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

643340100_sd.pdf

PK-64334-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-64334-001-001.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	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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, Right-Angle, 32 Circuits, 1 Port, Black
Application	Automotive, Power, Wire-to-Board
Comments	Coding: Black
Component Type	PCB Header
Product Name	CMC
UPC	883906844431

Agency

UL	E526789

Electrical

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

Physical

Breakaway	No

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Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
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	Nylon Alloy
Net Weight	29.700/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 +105°C
Termination Interface Style	Solder or Weld

Solder Process Data

Max-Duration	25
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
.635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Black Coding, Mat Sealed	643193211

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