Part Number : 5600834803
Product Description : CMC Header, 48-Way, Vertical, 1 Port, Brown Coding
Series Number : 560083
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

5600834803_sd.pdf

PK-560001-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

5600830000AS-000.pdf

PS-64319-001-001.pdf

PS-34870-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Relevant
EU ELV	Compliant with Exemption 3 per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

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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	560083
Description	CMC Header, 48-Way, Vertical, 1 Port, Brown Coding
Application	Automotive, Power, Signal, Wire-to-Board
Comments	Coding: Brown
Component Type	PCB Header
Product Name	CMC
UPC	196823570681

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48

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Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	Yes
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polybutylene Terephthalate (PBT)
Net Weight	36.140/g
Number of Rows	4
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	4.00mm
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm, 4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Brown Coding, Mat Sealed	643201319

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.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Right Wire Output, Brown Coding, Mat Sealed	643203319

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