



Part Number : [5600451201](#)
Product Description : 2.50mm, 3.70mm CMC
Header, Right-Angle, 120 Circuits, Black
Series Number : 560045
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

- [5600451201_sd.pdf](#)
- [PK-560045-001-001.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)
- [Symbol and Footprint \(Multi-Format\)](#)

Specifications

- [AS-560045-001-001.pdf](#)
- [AS-560045-001-JP-001.pdf](#)
- [AS-560045-001-CH-001.pdf](#)
- [PS-560045-001-001.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	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
- 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	560045
Description	2.50mm, 3.70mm CMC Header, Right-Angle, 120 Circuits, Black
Application	Automotive, Power, Wire-to-Board
Comments	Coding: Black
Component Type	PCB Header
Product Name	CMC
UPC	884982239838

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black

Durability (mating cycles max)	20
First Mate / Last Break	Yes
Glow-Wire Capable	No
Guide to Mating Part	No
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	75.702/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.60mm
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Solder or Weld

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