Part Number : 5007620482
Product Description : 2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 48 Circuits, Gray
Series Number : 500762
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

5007620482_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-64319-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
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)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	500762
Description	2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 48 Circuits, Gray
Application	Automotive, Power, Wire-to-Board
Comments	Coding: Gray
Component Type	PCB Header
Product Name	CMC
UPC	889056656313

Electrical

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

Physical

Breakaway	No
Circuits Detail	8 x 1.5mm & 40 x 0.635mm terminals
Circuits (Loaded)	48
Circuits (maximum)	48
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
Net Weight	35.300/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.60mm
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Pitch - Termination Interface	2.50mm, 3.50mm, 3.70mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
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, 48 Circuits, Left Wire Output, Gray Coding, Mat Sealed	643201318
.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Right Wire Output, Gray Coding, Mat Sealed	643203318

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