Part Number : 477320361
Product Description : 2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 36 Circuits, Lead-Free
Series Number : 47732
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

477320361_sd.pdf

PK-47732-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

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
- REACH SVHC
- Low-Halogen

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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	47732
Description	2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 36 Circuits, Lead-Free
Application	Automotive, Wire-to-Board
Comments	Coding: Black
Component Type	PCB Header
Product Name	CMC
UPC	883906907129

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits Detail	6 x 1.5mm & 30 x 0.635mm terminals
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	20

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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	Polyester
Net Weight	32.800/g
Number of Rows	3
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.60mm
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
Sealed	Sealed
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Solder or Weld
Terminal Size	0.635, 1.5

Solder Process Data

Lead-Free Process Capability	SMC&WAVE

Mates With / Use With

Mates with Part(s)

Description	Part Number
.635mm, 1.50mm, CMC	643202311

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Receptacle, 36 Circuits, Left Wire Output, Black Coding, Mat Sealed, Row 1 Closed	
.635mm, 1.50mm, CMC Receptacle, 36 Circuits, Right Wire Output, Black Coding, Mat Sealed, Row 1 closed	643204311

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