Part Number : 2218873421
Product Description : PowerWize 3.40mm, 2-circuit, Solder Tail, Mechanical Keying Option 1, Color Coded Black, Right Angle Header, Tape and Reel
Series Number : 221887
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2218873421_sd.pdf

2218873421-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

2218873421_Altium.zip

2218873421_Fusion.zip

Specifications

2215971000-AS-000.pdf

2215970001-PS-000.pdf

2215973000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant 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	221887
Description	PowerWize 3.40mm, 2-circuit, Solder Tail, Mechanical Keying Option 1, Color Coded Black, Right Angle Header, Tape and Reel
Application	Wire-to-Board
Component Type	PCB Header
Product Name	PowerWize
UPC	198930160052

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	65.0A
Voltage - Maximum	600V

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Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Diameter	3.40mm
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	18.540/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	11.00mm
Pitch - Termination Interface	11.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Pin-in-Paste SMT

Mates With / Use With

Mates with Part(s)

Description	Part Number
PowerWize 3.40mm, 2-circuit, Mechanical Keying Option 1,	2215973001

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Color Coded Black, Receptacle Housing, Bag	

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