

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1722871302

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black

Documents:

- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification 1723230001-TS-000 (PDF)

Product Specification 1723231000-PS-CH-000 (PDF)

Product Specification 1723231000-PS-ES-000 (PDF)

Product Specification 1723231000-PS-JP-000 (PDF)

Product Specification 1723231000-PS-SK-000 (PDF)
- Product Specification PS-172323-0001-001 (PDF)

Application Specification AS-172323-0001-001 (PDF)

Packaging Specification PK-172287-9001-001 (PDF)

Datasheet (PDF)

Symbol Footprint Data 1722871102-000 (PDF)

Symbol Footprint Data SYM-172287-1102-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

172287

Power, Wire-to-Board

See Product Specification for maximum current rating by circuit size and wire AWG

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Header

Ultra-Fit Power Connectors

Ultra-Fit

PCB Headers and Receptacles

887191736839

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

No

2

2

Black

200

No

94V-0

Yes

No

Yes

Yes

Copper Alloy

Gold

Tin

Liquid Crystal Polymer

0.980/g

1

Vertical

3.20mm

Yes

Yes

1.60mm

Tray

3.50mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

172287 Series

Mates With

Ultra-Fit Receptacle Housing [1722563102](#)

Pitch - Termination Interface	3.50mm
Plating min - Mating	0.762μm
Plating min - Termination	1.524μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	12.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	090
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-172323-0001-001
Packaging Specification	PK-172287-9001-001
Product Specification	1723230001-TS-000, 1723231000-PS-CH-000, 1723231000-PS-ES-000, 1723231000-PS-JP-000, 1723231000-PS-SK-000, PS-172323-0001-001
Sales Drawing	SD-172287-1000-000
Symbol/Footprint Data	1722871102-000, SYM-172287-1102-001

This document was generated on 01/04/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION