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Part Number:

1722981206

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable

Documents:

- 3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification 1723230001-TS-000 (PDF)

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

Packaging Specification PK-172298-9001 (PDF)

Symbol Footprint Data SYM-172298-1206 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

172298

Power, Wire-to-Board

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

Ultra-Fit Power Connectors

Ultra-Fit

887191737195

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

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

No

6

6

Black

200

No

94V-0

Yes

No

Yes

Yes

Copper Alloy

Gold

Tin

Liquid Crystal Polymer

1.554/g

2

Vertical

3.20mm

Yes

Yes

1.60mm

Tray

3.50mm

3.50mm

0.381µm

1.524µm

Yes

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

172298 Series

Mates With

Ultra-Fit Receptacle Housing [1722583106](#)

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| Shrouded                                       | Fully                                 |
| Surface Mount Compatible (SMC)                 | Yes                                   |
| Temperature Range - Operating                  | -40° to +120°C                        |
| Termination Interface: Style                   | Through Hole - Kinked Pin             |
| <b>Electrical</b>                              |                                       |
| Current - Maximum per Contact                  | 11.0A                                 |
| Voltage - Maximum                              | 400V AC (RMS)/DC                      |
| <b>Solder Process Data</b>                     |                                       |
| Duration at Max. Process Temperature (seconds) | 090                                   |
| Lead-freeProcess Capability                    | WAVE                                  |
| Max. Cycles at Max. Process Temperature        | 002                                   |
| Process Temperature max. C                     | 260                                   |
| <b>Material Info</b>                           |                                       |
| <b>Reference - Drawing Numbers</b>             |                                       |
| Application Specification                      | AS-172323-0001                        |
| Packaging Specification                        | PK-172298-9001                        |
| Product Specification                          | 1723230001-TS-000, PS-172323-0001-001 |
| Sales Drawing                                  | SD-172298-1000-000                    |
| Symbol/Footprint Data                          | SYM-172298-1206                       |

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