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Part Number:

1722982214

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 14 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

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-172298-9001-001 (PDF)

Datasheet (PDF)

Symbol Footprint Data 1722981114-000 (PDF)

Symbol Footprint Data SYM-172298-1214-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

172298

Power, Wire-to-Board

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

Overview

Product Name

UPC

Ultra-Fit Power Connectors

Ultra-Fit

887191737447

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

No

14

14

Natural

200

No

94V-0

Yes

No

Yes

Yes

Copper Alloy

Gold

Tin

Liquid Crystal Polymer

3.216/g

2

Vertical

3.20mm

Yes

Yes

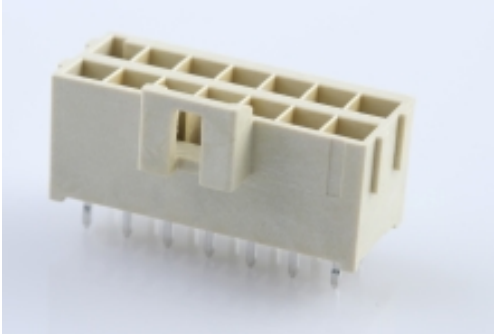
1.60mm

Tray

3.50mm

3.50mm

0.381µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

172298 Series

Mates With

Ultra-Fit Receptacle Housing [1722584114](#)

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 - Kinked Pin

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	400V 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-172298-9001-001
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-172298-1000-000
Symbol/Footprint Data	1722981114-000, SYM-172298-1214-001

This document was generated on 08/23/2021

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Authorized Distributor

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Molex:

172298-2214