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Part Number: [1722982310](#)
Status: **Active**
Overview:
Description: Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 10 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172298
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	ultrafit_power_connectors
Product Name	Ultra-Fit
Taxonomy	PCB Headers and Receptacles
UPC	887191737492

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.380/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.50mm
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 - Kinked Pin

Electrical

Current - Maximum per Contact	11.0A
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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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172298](#) Series

Mates With

Ultra-Fit Receptacle Housing [1722584110](#)

Voltage - Maximum 600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 090
Lead-free Process 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 1722981110-000, SYM-172298-1210-001

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