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Part Number:

1723104306

Status:

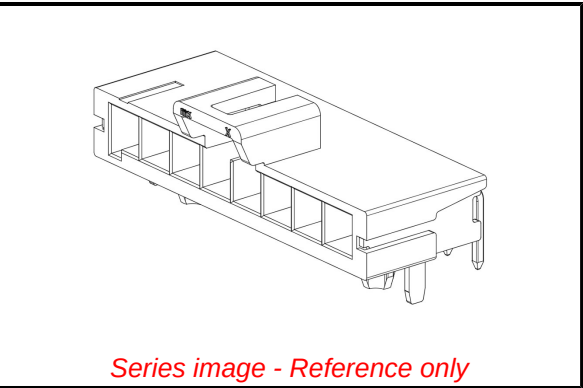
Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable



- Documents:
- [Drawing \(PDF\)](#)

[Product Specification 1723230001-TS-000 \(PDF\)](#)

[Product Specification 1723231000-PS-CH-000 \(PDF\)](#)

[Product Specification PS-172323-0001-001 \(PDF\)](#)
- [Packaging Specification PK-172310-9001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[Symbol Footprint Data SYM-172310-3106 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	172310
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	889056866507
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	200
First Mate / Last Break	No
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	2.106/g
Number of Rows	1
Orientation	Right Angle
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

Electrical

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

172310 Series

Mates With

Ultra-Fit Receptacle Housing [1722564106](#)

Current - Maximum per Contact
Voltage - Maximum

12.0A
600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification

PK-172310-9001-001
1723230001-TS-000, 1723231000-PS-CH-000,
PS-172323-0001-001
Sales Drawing
Symbol/Footprint Data

1723102000-000
SYM-172310-3106

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