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Part Number:

1723104103

Status:

Active

Overview:

Description:

Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 3 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable

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	ultrafit_power_connectors
Product Name	Ultra-Fit
UPC	889056866330
Physical	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.317/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	1.524µm
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 +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	14.0A
Voltage - Maximum	600V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-172310-9001-001

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172310 Series

Mates With

Ultra-Fit Receptacle Housing [1722564103](#)

Product Specification

Sales Drawing

Symbol/Footprint Data

1723230001-TS-000, 1723231000-PS-CH-000,
1723231000-PS-ES-000, 1723231000-PS-JP-000,
1723231000-PS-SK-000, PS-172323-0001-001
1723102000-000
SYM-172310-3103-001

This document was generated on 09/02/2021

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