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Part Number:

1723161104

Status:

Active

Overview:

Description:

Ultra-Fit Right-Angle Header, 3.50mm Pitch, Dual Row, 4 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172316
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	887191738390
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.320/g
Number of Rows	2
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	12.0A
Voltage - Maximum	600V AC (RMS)/DC

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

172316 Series

Mates With

Ultra-Fit Receptacle Housing [1722583104](#)

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
Packaging Specification	1723161114-PK-000
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-172316-1000-000
Symbol/Footprint Data	SYM-172316-1104

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