

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1723101306

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

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

Documents:	
Drawing (PDF)	Application Specification AS-172323-0001 (PDF)
3D Model (PDF)	Packaging Specification PK-172310-9001-001 (PDF)
3D Model	Symbol Footprint Data SYM-172310-1106 (PDF)
Product Specification 1723230001-TS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-172323-0001-001 (PDF)	Product Literature (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
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	887191738130
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
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	1.752/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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
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 1722563106

Shrouded	Fully
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	12.0A
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
Packaging Specification	PK-172310-9001-001
Product Specification	1723230001-TS-000, PS-172323-0001-001
Sales Drawing	SD-172310-1000-000
Symbol/Footprint Data	SYM-172310-1106

This document was generated on 07/28/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION