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Part Number:

1723163206

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 6 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable

- Documents:
- 3D Model

Product Specification 1723231000-PS-SK-000 (PDF)
- 3D Model (PDF)

Product Specification PS-172323-0001-001 (PDF)
- Drawing (PDF)

Packaging Specification 1723161114-PK-000 (PDF)
- Product Specification 1723230001-TS-000 (PDF)

Datasheet (PDF)
- Product Specification 1723231000-PS-CH-000 (PDF)

Symbol Footprint Data SYM-172316-3106-001 (PDF)
- Product Specification 1723231000-PS-ES-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 1723231000-PS-JP-000 (PDF)

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	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	889056866606
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
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	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.616/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	0.381µm
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 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 1722583106

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	11.0A
Voltage - Maximum	600V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
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	1723162000-000
Symbol/Footprint Data	SYM-172316-3106-001

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