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Part Number:

1722861205

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 5 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

- Documents:
- 3D Model

Product Specification PS-172323-0001-001 (PDF)
- 3D Model (PDF)

Application Specification AS-172323-0001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-172286-9001-001 (PDF)
- Product Specification 1723230001-TS-000 (PDF)

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

Symbol Footprint Data 1722861105-000 (PDF)
- Product Specification 1723231000-PS-ES-000 (PDF)

Symbol Footprint Data SYM-172286-1205-001 (PDF)
- Product Specification 1723231000-PS-JP-000 (PDF)

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

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172286
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	887191736372

Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	1.375/g
Number of Rows	1
Orientation	Vertical
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



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

172286 Series

Mates With

Ultra-Fit Receptacle Housing 1722563105

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 - Kinked Pin
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-172323-0001-001
Packaging Specification	PK-172286-9001-001
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-172286-1000-000
Symbol/Footprint Data	1722861105-000, SYM-172286-1205-001

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