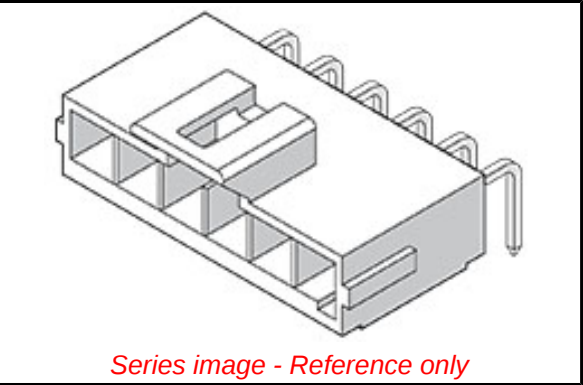


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Part Number: [1723102105](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Right-Angle Header, 3.50mm Pitch, Single Row, 5 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable



- Documents:**
- | | |
|--|--|
| Drawing (PDF) | Application Specification AS-172323-0001-001 (PDF) |
| Product Specification 1723230001-TS-000 (PDF) | Packaging Specification PK-172310-9001-001 (PDF) |
| Product Specification 1723231000-PS-CH-000 (PDF) | Datasheet (PDF) |
| Product Specification 1723231000-PS-ES-000 (PDF) | Symbol Footprint Data 1723101105-000 (PDF) |
| Product Specification 1723231000-PS-JP-000 (PDF) | Symbol Footprint Data SYM-172310-1105-001 (PDF) |
| Product Specification 1723231000-PS-SK-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-172323-0001-001 (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	887191738192
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
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	1.500/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

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
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
[172310](#) Series

Mates With
Ultra-Fit Receptacle Housing [1722564105](#)

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

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-172310-9001-001
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-172310-1000-000
Symbol/Footprint Data	1723101105-000, SYM-172310-1105-001

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[172310-2105](#)