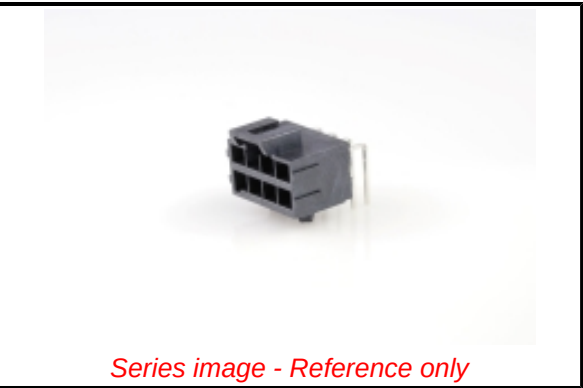


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Part Number: [1723163108](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 8 Circuits, Matte Tin (Sn) Plating, Black, Glow-Wire Capable



- 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-172316-3108-001 (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	889056866545
Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	25
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	3.244/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

EU ELV

Not Relevant

EU 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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[172316](#) Series

Mates With

Ultra-Fit Receptacle Housing [1722583108](#)

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	12.0A
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-172316-3108-001

This document was generated on 09/02/2021

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