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Part Number: [1723164114](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 14 Circuits, Matte Tin (Sn) Plating, Natural, Glow-Wire Capable

Documents:

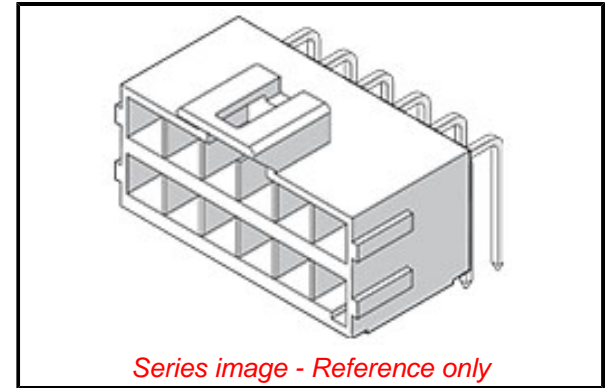
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| 3D Model | Product Specification 1723231000-PS-SK-000 (PDF) |
| Drawing (PDF) | Product Specification PS-172323-0001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification 1723161114-PK-000 (PDF) |
| Product Specification 1723230001-TS-000 (PDF) | Datasheet (PDF) |
| Product Specification 1723231000-PS-CH-000 (PDF) | Symbol Footprint Data SYM-172316-3114-001 (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 | 889056866989 |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Natural |
| 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 | 4.804/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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172316 Series](#)

Mates With

Ultra-Fit Receptacle Housing [1722584114](#)

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-172316-3114-001

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