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Part Number: [1723164116](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 16 Circuits, Matte Tin (Sn) Plating, Natural, Glow-Wire Capable

Documents:

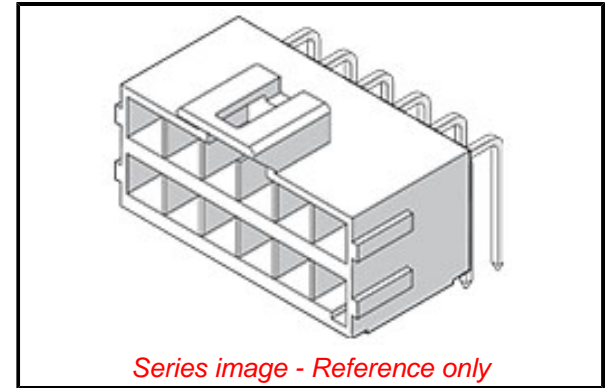
3D Model	Product Specification 1723231000-PS-SK-000 (PDF)
3D Model (PDF)	Product Specification PS-172323-0001-001 (PDF)
Drawing (PDF)	Packaging Specification 1723161114-PK-000 (PDF)
Product Specification 1723230001-TS-000 (PDF)	Datasheet (PDF)
Product Specification 1723231000-PS-CH-000 (PDF)	Symbol Footprint Data SYM-172316-3116-001 (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	889056866996

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	5.434/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



Series image - Reference only

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 [1722584116](#)

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-172316-3116-001

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