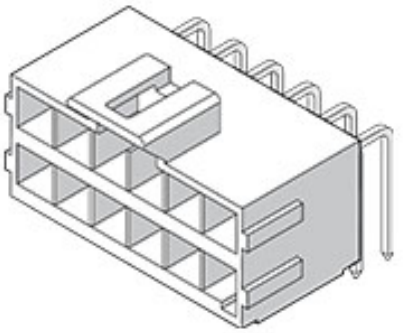
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Part Number: 1723164314
Status: Active
Overview: Ultra-Fit Power Connectors
Description: Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 14 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 1723230001-TS-000 (PDF)
- Product Specification 1723231000-PS-ES-000 (PDF)
- Product Specification 1723231000-PS-JP-000 (PDF)
- Product Specification 1723231000-PS-SK-000 (PDF)
- Product Specification PS-172323-0001-001 (PDF)
- Packaging Specification 1723161114-PK-000 (PDF)
- Datasheet (PDF)
- Symbol Footprint Data SYM-172316-3114-001 (PDF)
- RoHS Certificate of Compliance (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	889056867122

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	200
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	4.832/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	0.762µm
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

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
172316 Series

Mates With
Ultra-Fit Receptacle Housing 1722584114

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	1723161114-PK-000
Product Specification	1723230001-TS-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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