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**Part Number:** [1723164106](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Dual Row, 6 Circuits, Matte Tin (Sn) Plating, Natural, Glow-Wire Capable

**General**

Product Family	PCB Headers
Series	<a href="#">172316</a>
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	ultrafit_power_connectors
Product Name	Ultra-Fit
UPC	889056866941

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	2.604/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
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
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**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 [1722584106](#)

Product Specification

Sales Drawing

Symbol/Footprint Data

1723230001-TS-000, 1723231000-PS-CH-000,  
1723231000-PS-ES-000, 1723231000-PS-JP-000,  
1723231000-PS-SK-000, PS-172323-0001-001  
1723162000-000  
SYM-172316-3106-001

This document was generated on 10/25/2021

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