

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1723162208](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Right-Angle Header, 3.50mm Pitch, Dual Row, 8 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17231642081723164208>

Documents:
[3D Model \(PDF\)](#) [Application Specification AS-172323-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification 1723161114-PK-000 \(PDF\)](#)
[3D Model](#) [Datasheet \(PDF\)](#)
[Product Specification 1723230001-TS-000 \(PDF\)](#) [Symbol Footprint Data SYM-172316-1108 \(PDF\)](#)
[Product Specification 1723231000-PS-CH-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-172323-0001-001 \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

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
Replacement Part Number [1723164208](#)
Replacement Part Number with soldernail
UPC 887191738710

Physical
Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Natural
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
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 Tin
Material - Resin Liquid Crystal Polymer
Net Weight 2.298/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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2020)9139-DC (19
Jan 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 [1722584108](#)

Pitch - Termination Interface	3.50mm
Plating min - Mating	0.381μm
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
Electrical	
Current - Maximum per Contact	11.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	090
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-172323-0001
Packaging Specification	1723161114-PK-000
Product Specification	1723230001-TS-000, 1723231000-PS-CH-000, PS-172323-0001-001
Sales Drawing	SD-172316-1000-000
Symbol/Footprint Data	SYM-172316-1108

This document was generated on 02/25/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[172316-2208](#)