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Part Number: [1723162110](#)
Status: **Active**
Overview:
Description: Ultra-Fit Right-Angle Header, 3.50mm Pitch, Dual Row, 10 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17231641101723164110>

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	ultrafit_power_connectors
Product Name	Ultra-Fit
Replacement Part Number	1723164110
Replacement Part Number	with soldernail
UPC	887191739694

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.770/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(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172316](#) Series

Mates With

Ultra-Fit Receptacle Housing [1722584110](#)

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 12.0A
Voltage - Maximum 600V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 090
Lead-free Process 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-172316-1110

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