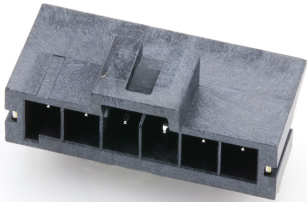




**Part Number :** [1723103106](#)  
**Product Description :** Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable  
**Series Number :** [172310](#)  
**Status :** Active  
**Product Category :** [PCB Headers and Receptacles](#)



Documents & Resources


**Drawings**  
[1723103106\\_sd.pdf](#)  
[PK-172310-9001-001.pdf](#)

**3D Models and Design Files**  
[1723103106\\_stp.zip](#)  
[SYM-172310-3106-001.zip](#)

**Specifications**  
[1723230003-000.pdf](#)  
[1723230001-TS-000.pdf](#)  
[1723231000-PS-CH-000.pdf](#)  
[1723231000-PS-ES-000.pdf](#)  
[1723231000-PS-JP-000.pdf](#)  
[1723231000-PS-SK-000.pdf](#)  
[PS-172323-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	172310
Description	Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	PCB Header
Product Name	Ultra-Fit
UPC	889056866156

#### Electrical

Current - Maximum per Contact	14.0A
Voltage - Maximum	600V AC (RMS)/DC

#### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black

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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.100/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable	<u>1722563106</u>

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This document was generated on Mar 06, 2025