



**Part Number :** [1722563106](#)  
**Product Description :** Ultra-Fit Tangless  
Receptacle Housing, 3.50mm Pitch, Single  
Row, 6 Circuits, Black, Glow-Wire Capable  
**Series Number :** [172256](#)  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[1722563106\\_sd.pdf](#)  
[1723230004-000.pdf](#)

### 3D Models and Design Files

[1722563106\\_stp.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	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	Connector Housings
Series	172256
Description	Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191130133840

### Physical

Circuits (maximum)	6
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.044/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No

Pitch - Mating Interface	3.50mm
Pitch - Termination Interface	3.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black	<u>1722861106</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722861206</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722861306</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Solder Clips, Tin (Sn), Glow-Wire Capable, Black	<u>1722871106</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722871206</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 6 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722871306</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1723103106</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1723103206</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 6 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1723103306</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable	<u>2025693006</u>

Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 6 Circuits, Panel Mount, Black, Glow-Wire Capable	<u>2025693106</u>
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#### Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 16-18 AWG	<u>1722536011</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 20-22 AWG	<u>1722536111</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-18 AWG	<u>1722536012</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 20-22 AWG	<u>1722536112</u>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG	<u>1722537023</u>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 20-22 AWG	<u>1722537123</u>
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 150.00mm Length, 16 AWG, Black	<u>797582141</u>
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 300.00mm Length, 16 AWG, Black	<u>797582142</u>
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 6 Circuits, Natural	<u>1722644006</u>