



**Part Number :** [1722583108](#)

**Product Description :** Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Black, Glow-Wire Capable

**Series Number :** 172258

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[Drawing 1722583108\\_sd.pdf](#)

[Packaging Design Drawing 1723230004-000.pdf](#)

### 3D Models and Design Files

[3D Model PDF 1722583108.pdf](#)

[3D Model 1722583108\\_stp.zip](#)

### Specifications

[Application Specification 1723230003-000.pdf](#)

[Product Specification 1723230001-TS-000.pdf](#)

[Product Specification 1723231000-PS-CH-000.pdf](#)

[Product Specification 1723231000-PS-ES-000.pdf](#)

[Product Specification 1723231000-PS-JP-000.pdf](#)

[Product Specification 1723231000-PS-SK-000.pdf](#)

[Product Specification PS-172323-0001-001.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)
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	172258
Description	Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191128805223

#### Physical

Circuits (maximum)	8
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.381/g
Number of Rows	2
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

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Kinked Pins, Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1722981108</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722981208</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722981308</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1722991108</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722991208</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 8 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722991308</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Black, Glow-Wire Capable	<u>2169453008</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Panel Mount, Black, Glow-Wire Capable	<u>2169453108</u>

### Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 16-18 AWG	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722536011.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722536011.html</a></u>

Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 20-22 AWG	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722536111.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722536111.html</a>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-18 AWG	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722536012.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722536012.html</a>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 20-22 AWG	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722536112.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722536112.html</a>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722537023.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722537023.html</a>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 20-22 AWG	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722537123.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722537123.html</a>
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 150.00mm Length, 16 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582141.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582141.html</a>
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 300.00mm Length, 16 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582142.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582142.html</a>
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Natural	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1722644004.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1722644004.html</a>