



Part Number : [1722583112](#)
Product Description : Ultra-Fit Tangless
Receptacle Housing, 3.50mm Pitch, Dual Row,
12 Circuits, Black, Glow-Wire Capable
Series Number : [172258](#)
Status : Active
Product Category : [Connector Housings](#)



Documents & Resources

Drawings

[Drawing 1722583112_sd.pdf](#)
[Packaging Design Drawing 1723230004-000.pdf](#)

3D Models and Design Files

[3D Model PDF 1722583112.pdf](#)
[3D Model 1722583112_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](#)

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

Part Details

General

Status	Active
Category	Connector Housings
Series	172258
Description	Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 12 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191128805247

Physical

Circuits (maximum)	12
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	3.296/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, 12 Circuits, with Kinked Pins, Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1722981112</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722981212</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722981312</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1722991112</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722991212</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1722991312</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 12 Circuits, Black, Glow-Wire Capable	<u>2169453012</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 12 Circuits, Panel Mount, Black, Glow-Wire Capable	<u>2169453112</u>

Use with Part(s)

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

Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 20-22 AWG	/content/molex/molex-dot-com/us/en/products/product-page.html/1722536111.html
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-18 AWG	/content/molex/molex-dot-com/us/en/products/product-page.html/1722536012.html
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 20-22 AWG	/content/molex/molex-dot-com/us/en/products/product-page.html/1722536112.html
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG	/content/molex/molex-dot-com/us/en/products/product-page.html/1722537023.html
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 20-22 AWG	/content/molex/molex-dot-com/us/en/products/product-page.html/1722537123.html
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 150.00mm Length, 16 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797582141.html
Pre-Crimped Lead Ultra-Fit Tangless-Female-to-Ultra-Fit Tangless Female, Tin (Sn) Plating, 300.00mm Length, 16 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797582142.html
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 6 Circuits, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/1722644006.html