



Part Number : 1722584106

Series Number : 172258

Product Category : Connector Housings

Product Description : Ultra-Fit Tangless  
Receptacle Housing, 3.50mm Pitch, Dual Row,  
6 Circuits, Natural, Glow-Wire Capable

Status : Active

Documents & Resources

Drawings

Drawing 1722584106\_sd.pdf

Packaging Design Drawing 1723230004-000.pdf

3D Models and Design Files

3D Model 1722584106\_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(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	172258
Description	Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 6 Circuits, Natural, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191128805469

#### Physical

Circuits (maximum)	6
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.922/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
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Kinked Pins, Tin (Sn) Plating, Natural, Glow-Wire Capable	<u>1722982106</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722982206</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722982306</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Solder Clips, Tin (Sn) Plating, Natural, Glow-Wire Capable	<u>1722992106</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722992206</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Dual Row, 6 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722992306</u>
Ultra-Fit Right-Angle Header, 3.50mm Pitch, Dual Row, 6 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1723162206</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 6 Circuits, Natural, Glow-Wire Capable	<u>2169454006</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 6 Circuits, Panel Mount, Natural, Glow-Wire Capable	<u>2169454106</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-pdf.html/1722536011.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/1722536111.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/1722536012.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/1722536112.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/1722537023.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/1722537123.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/797582141.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.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-pdf.html/797582142.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797582142.html</a>
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 3 Circuits, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1722643003.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1722643003.html</a>