



Part Number : [1722564107](#)
Product Description : Ultra-Fit Tangless
Receptacle Housing, 3.50mm Pitch, Single
Row, 7 Circuits, Natural, Glow-Wire Capable
Series Number : 172256
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[Drawing 1722564107_sd.pdf](#)
[Packaging Design Drawing 1723230004-000.pdf](#)

3D Models and Design Files

[3D Model 1722564107_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	172256
Description	Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 7 Circuits, Natural, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191130133925

Physical

Circuits (maximum)	7
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.307/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Kinked Pins, Tin (Sn) Plating, Natural, Glow-Wire Capable	<u>1722862107</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722862207</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722862307</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, Tin (Sn) Plating, Natural, Glow-Wire Capable	<u>1722872107</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722872207</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1722872307</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 7 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable	<u>1723104107</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 7 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1723104207</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 7 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<u>1723104307</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 7 Circuits, Natural, Glow-Wire Capable	<u>2025694007</u>

Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 7 Circuits, Panel Mount, Natural, Glow-Wire Capable	<u>2025694107</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	/content/molex/molex-dot-com/us/en/products/product-page.html/1722536011.html
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, 7 Circuits, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1722643007.html