



**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



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## Documents & Resources

### Drawings

[1722564107\\_sd.pdf](#)

[1723230004-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### 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](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC

	61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## 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 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 +125°C, -40° to +120°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, 7 Circuits, with Kinked Pins, Tin (Sn) Plating, Natural, Glow-Wire Capable	<a href="#"><u>1722862107</u></a>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<a href="#"><u>1722862207</u></a>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	<a href="#"><u>1722862307</u></a>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, Tin (Sn) Plating, Natural, Glow-Wire Capable	<a href="#"><u>1722872107</u></a>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	<a href="#"><u>1722872207</u></a>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 7 Circuits, with Solder Clips, 0.76µm Gold (Au)	<a href="#"><u>1722872307</u></a>

Plating, Natural, Glow-Wire Capable	
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>

### Use with Part(s)

Description	Part Number
Ultra-Fit Connector Position Assurance (CPA) Retainer, UL 94V-0, Red	<u>2171853000</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 18-16 AWG	<u>1722536011</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 22-20 AWG	<u>1722536111</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 18-16 AWG	<u>1722536012</u>
Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 22-20 AWG	<u>1722536112</u>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 18-16 AWG	<u>1722537023</u>
Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 22-20 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, 7 Circuits, Black	<u>1722643007</u>