



Part Number : [1722563102](#)

Product Description : Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable

Series Number : 172256

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[1722563102_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](#)

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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
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, 2 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Ultra-Fit
UPC	191130132300

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.919/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black	<u>1722861102</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722861202</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722861302</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn), Glow-Wire	<u>1722871102</u>

Capable, Black	
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722871202</u>
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black	<u>1722871302</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1723103102</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1723103202</u>
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1723103302</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable	<u>2025693002</u>
Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 2 Circuits, Panel Mount, Black, Glow-Wire Capable	<u>2025693102</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, 2 Circuits, Natural	<u>1722644002</u>