molex

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 & Resources

Drawings
Drawing 1722563102_sd.pdf
Packaging Design Drawing 1723230004-000.pdf

3D Models and Design Files
3D Model 1722563102_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	(e)
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, 2 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	191130132300

Physical

Circuits (maximum)	2
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.991/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, 2 Circuits, with Kinked Pins, Tin (Sn), Glow-Wire Capable, Black	1722861102
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.38μm Gold (Au) Plating, Glow-Wire Capable, Black	1722861202
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76μm Gold (Au) Plating, Glow-Wire Capable, Black	1722861302
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn), Glow-Wire Capable, Black	1722871102
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.38μm Gold (Au) Plating, Glow-Wire Capable, Black	1722871202
Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76μm Gold (Au) Plating, Glow-Wire Capable, Black	1722871302
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable	1723103102
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, 0.38μm Gold (Au) Plating, Black, Glow-Wire Capable	1723103202
Ultra-Fit Right-Angle Header with Solder Nail, 3.50mm Pitch, Single Row, 2 Circuits, 0.76μm Gold (Au) Plating, Black, Glow-Wire Capable	1723103302
Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable	2025693002

Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 2 Circuits, Panel Mount, Black, Glow-Wire Capable	2025693102

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, 2 Circuits, Natural	/content/molex/molex-dot-com/us/en/products/product-page.html/1722644002.html

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