



**Part Number :** [2263621212](#)

**Product Description :** Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire

**Series Number :** 226362

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[2263621212\\_sd.pdf](#)

[2263621000-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-105300-100-001.pdf](#)

[PS-105300-100-001.pdf](#)

[1053000000-TS-000.pdf](#)

[1053001000-TS-000.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	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained 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	226362
Description	Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire
Application	Power, Wire-to-Board
Product Name	Nano-Fit
UPC	198282791966

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	12
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	1.090/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +125°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Nano-Fit Test Plug, Dual Row, 12 Circuits	<u>2251481112</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1053101112</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053101212</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053101312</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053101412</u>

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1053121112</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053121212</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053121312</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053121412</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1053141112</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053141212</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053141312</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053141412</u>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual	<u>1054291112</u>

Row, 12 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable	
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<a href="#"><u>1054291212</u></a>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<a href="#"><u>1054291312</u></a>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable	<a href="#"><u>1054291412</u></a>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable	<a href="#"><u>1054051112</u></a>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<a href="#"><u>1054051212</u></a>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<a href="#"><u>1054051312</u></a>

### Use with Part(s)

Description	Part Number
Nano-Fit Connector Position Assurance (CPA) Retainer, UL 94V-0, Red	<a href="#"><u>2171401000</u></a>
Nano-Fit Female Crimp Terminals	<a href="#"><u>226471</u></a>
Nano-Fit Terminal Position Assurance (TPA) Retainers	<a href="#"><u>105325</u></a>

## Application Tooling

## Global

Description	Part Number
Extraction Tool for Nano-Fit Power Connectors/Terminals and DuraClik Robust Connectors/Terminals, 26-20 AWG and 0.30-0.50mm <sup>2</sup> Wire	<u>638244600</u>

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