



Part Number : [2263541202](#)

Product Description : Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire

Series Number : 226354

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[2263541202_sd.pdf](#)

[2263541000-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](#)

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	226354
Description	Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire
Application	Power, Wire-to-Board
Product Name	Nano-Fit
UPC	198282793472

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	0.346/g
Number of Rows	1
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit Test Plug, Dual Row, 4 Circuits	<u>2251481104</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1053091102</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053091202</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053091302</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053091402</u>

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow- Wire Capable, Tray	<u>1053111102</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053111202</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u>1053111302</u>
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053111402</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	<u>1053131102</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Black, Glow- Wire Capable, Tray	<u>1053131202</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Black, Glow- Wire Capable, Tray	<u>1053131302</u>
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u>1053131402</u>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row,	<u>1054311102</u>

2 Circuits, 0.76µm Tin (Sn) Plating, with Pick-and-Place Tape, Black, Glow-Wire Capable	
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, with Pick-and-Place Tape, Black, Glow-Wire Capable	<u>1054311202</u>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, with Pick-and-Place Tape, Black, Glow-Wire Capable	<u>1054311302</u>
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, with Pick-and-Place Tape, Lubricated, Black, Glow-Wire Capable	<u>1054311402</u>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable	<u>1054301102</u>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1054301202</u>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	<u>1054301302</u>
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable	<u>1054301402</u>

Use with Part(s)

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