Part Number : 2263542202
Product Description : Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 2 Circuits, Natural, Glow-Wire Capable, for UL 1569/1007 Wire
Series Number : 226354
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2263542202_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

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- 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, Natural, Glow-Wire Capable, for UL 1569/1007 Wire
Application	Power, Wire-to-Board
Product Name	Nano-Fit
UPC	198282793540

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle

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Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.290/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	2251481104
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray	1053092102
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053092202
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053092302
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire	1053092402

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Capable, Tray	
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray	1053112102
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053112202
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053112302
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire Capable, Tray	1053112402
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray	1053132102
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053132202
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	1053132302
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire Capable, Tray	1053132402
Nano-Fit Vertical Header, Surface	1054312102

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Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Tin (Sn) Plating, with Pick-and-Place Tape, Natural, 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, Natural, Glow-Wire Capable	1054312202
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, with Pick-and-Place Tape, Natural, Glow-Wire Capable	1054312302
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, with Pick-and-Place Tape, Lubricated, Natural, Glow-Wire Capable	1054312402
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Tin (Sn) Plating, Natural, Glow-Wire Capable	1054302102
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable	1054302202
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable	1054302302
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire Capable	1054302402

Use with Part(s)

Description	Part Number

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Nano-Fit Connector Position Assurance (CPA) Retainer, UL 94V-0, Red	2171401000
Nano-Fit Female Crimp Terminals	226471
Nano-Fit Terminal Position Assurance (TPA) Retainers	105325

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