Part Number : 2263621216
Product Description : Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 16 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire
Series Number : 226362
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2263621216_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

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	226362
Description	Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 16 Circuits, Black, Glow-Wire Capable, for UL 1569/1007 Wire
Application	Power, Wire-to-Board
Product Name	Nano-Fit
UPC	198282791980

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	16
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes

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Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.390/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit Test Plug, Dual Row, 16 Circuits	2251481116
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Kinked Pins, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	1053101116
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053101216
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053101316
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	1053101416

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Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	1053121116
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053121216
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053121316
Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, with Solder Clips, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	1053121416
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	1053141116
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053141216
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	1053141316
Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	1053141416
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row,	1054291116

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16 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable	
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	1054291216
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	1054291316
Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable	1054291416
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable	1054051116
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable	1054051216
Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable	1054051316

Use with Part(s)

Description	Part Number
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

Application Tooling

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Global

Description	Part Number
Extraction Tool for Nano-Fit Power Connectors/Terminals and DuraClik Robust Connectors/ Terminals, 26-20 AWG and 0.30-0.50mm2 Wire	638244600

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