



**Part Number :** [2014441204](#)

**Product Description :** Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Panel Mount, Glow-Wire Capable

**Series Number :** 201444

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[Drawing 2014441204\\_sd.pdf](#)

[Packaging Design Drawing 2014441000-PK-000.pdf](#)

### 3D Models and Design Files

[3D Model 2014441204\\_stp.zip](#)

### Specifications

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

[Product Specification 2014471000-PS-000.pdf](#)

[Test Summary 2014471000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	201444
Description	Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Panel Mount, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130026555

#### Agency

CSA	LR19980
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#### Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.721/g
Number of Rows	2
Packaging Type	Bag

Panel Mount	Yes
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C, -40° to +115°C

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable	<u>1053081204</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, 4 Circuits, Black	<u>451300401</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 4 Circuits, Black	<u>451300403</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 4 Circuits, Black	<u>451300410</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 500.00mm Length, 4 Circuits, Black	<u>2451300405</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 1.0m Length, 4 Circuits, Black	<u>2451300410</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 2.0m Length, 4 Circuits, Black	<u>2451300420</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 3.0m Length, 4 Circuits, Black	<u>2451300430</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 5.0m Length, 4 Circuits, Black	<u>2451300450</u>

### Use with Part(s)

Description	Part Number
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Nano-Fit Male Crimp Terminals	<u>201447</u>
Nano-Fit Terminal Position Assurance (TPA) Retainers	<u>105325</u>

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