



Part Number : [2014441208](#)

Product Description : Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 8 Circuits, Black, Panel Mount, Glow-Wire Capable

Series Number : 201444

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

[Drawing 2014441208_sd.pdf](#)

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

3D Models and Design Files

[3D Model 2014441208_stp.zip](#)


Specifications

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

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

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(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	Connector Housings
Series	201444
Description	Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 8 Circuits, Black, Panel Mount, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130026609

Agency

CSA	LR19980
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Physical

Circuits (maximum)	8
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	1.070/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, 8 Circuits, Black, Glow-Wire Capable	<u>1053081208</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, 8 Circuits, Black	<u>451300801</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 8 Circuits, Black	<u>451300803</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black	<u>451300810</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 500.00mm Length, 8 Circuits, Black	<u>2451300805</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 1.0m Length, 8 Circuits, Black	<u>2451300810</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 2.0m Length, 8 Circuits, Black	<u>2451300820</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 3.0m Length, 8 Circuits, Black	<u>2451300830</u>
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 5.0m Length, 8 Circuits, Black	<u>2451300850</u>

Use with Part(s)

Description	Part Number
Nano-Fit Male Crimp Terminals	<u>201447</u>

This document was generated on Jul 07, 2024