molex

Part Number : <u>2014441212</u>

Product Description : Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Black, Panel Mount, Glow-Wire Capable

Series Number : 201444

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings
<u>Drawing 2014441212_sd.pdf</u>
<u>Packaging Design Drawing 2014441000-PK-000.pdf</u>

3D Models and Design Files
<u>3D Model 2014441212_stp.zip</u>

Specifications
<u>Application Specification AS-105300-100-001.pdf</u>
<u>Product Specification 2014471000-PS-000.pdf</u>
<u>Test Summary 2014471000-TS-000.pdf</u>

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

<u>Multiple Part Product Compliance Statements</u>

- Eu RoHS

- REACH SVHC

- Low-Halogen

<u>Multiple Part Industry Compliance Documents</u>

- 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, 12 Circuits, Black, Panel Mount, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130026623

Agency

CSA	LR19980

Physical

Circuits (maximum)	12
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	1.419/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, 12 Circuits, Black, Glow-Wire Capable	1053081212

Use with Part(s)

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

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