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Part Number:

1053121204

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

105312

Application

Power, Wire-to-Board

Overview

Nano-Fit Power Connectors

Product Name

Nano-Fit

UPC

887191930855

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

Yes

Guide to Mating Part

No

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

0.550/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.20mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm, 2.40mm

Packaging Type

Tray

Pitch - Mating Interface

2.50mm

Pitch - Termination Interface

2.50mm

Plating min - Mating

0.381µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +115°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

105312 Series

Mates With

Nano-Fit Receptacle Housing 1053081204

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	300V

Material Info

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