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Part Number:

1053101204

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

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

Documents:

- 3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification 1053001000-PS-CH-000 (PDF)

Product Specification 1053001000-PS-ES-000 (PDF)

Product Specification 1053001000-PS-JP-000 (PDF)

Product Specification 1053001000-PS-SK-000 (PDF)
- Product Specification PS-105300-100-001 (PDF)

Application Specification AS-105300-100-001 (PDF)

Packaging Specification PK-105309-100-000 (PDF)

Test Summary 1053000000-TS-000 (PDF)

Datasheet (PDF)

Symbol Footprint Data SYM-105310-XX04 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Overview

Packaging Alternative

Product Name

UPC

PCB Headers

105310

Power, Wire-to-Board

Nano-Fit Power Connectors

1053103704

Nano-Fit

887191933528

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

No

4

4

Black

50

94V-0

Yes

No

Yes

Yes

Brass

Gold

Tin

Liquid Crystal Polymer

0.430/g

2

Vertical

3.20mm

Yes

Yes

1.60mm, 2.40mm

Tray

2.50mm

2.50mm

0.381µm

1.524µm

Yes

Yes



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

[105310](#) Series

Mates With

Nano-Fit Receptacle Housing [1053081204](#) .
Nano-Fit Cable Assembly [45130](#)

Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +115°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	7.5A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105309-100-000
Product Specification	1053001000-PS-CH-000, 1053001000-PS-ES-000, 1053001000-PS-JP-000, 1053001000-PS-SK-000, PS-105300-100-001
Sales Drawing	SD-105310-100-000
Symbol/Footprint Data	SYM-105310-XX04
Test Summary	1053000000-TS-000

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