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Part Number:

1054051106

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 6 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable

Documents:

- 3D Model

Application Specification AS-105405-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-105405-002-000 (PDF)
- 3D Model (PDF)

Test Summary 1054050000-TS-000 (PDF)
- Product Specification 1054051000-PS-CH-000 (PDF)

Datasheet (PDF)
- Product Specification 1054051000-PS-ES-000 (PDF)

Symbol Footprint Data SYM-105405-XX06-001 (PDF)
- Product Specification 1054051000-PS-SK-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-105405-001-001 (PDF)

General

Product Family

PCB Headers

Series

105405

Application

Power, Wire-to-Board

Overview

Nano-Fit Power Connectors

Product Name

Nano-Fit

UPC

889056258043

Physical

Breakaway

No

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

25

Glow-Wire Capable

Yes

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

0.940/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface

2.50mm

Pitch - Termination Interface

2.50mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

7.0A

Voltage - Maximum

250V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

105405 Series

Mates With

Nano-Fit Receptacle Housing [1053081206](#)
. Nano-Fit Overmolded Cable Assembly
[245130](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-105405-001-001
Packaging Specification	PK-105405-002-000
Product Specification	1054051000-PS-CH-000, 1054051000-PS-ES-000, 1054051000-PS-SK-000, PS-105405-001-001
Sales Drawing	SD-105405-001-000
Symbol/Footprint Data	SYM-105405-XX06-001
Test Summary	1054050000-TS-000

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