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Part Number:

1054052106

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, Natural, Glow-Wire Capable

Documents:

- [Drawing \(PDF\)](#)

[3D Model](#)

[3D Model \(PDF\)](#)

[Product Specification 1054051000-PS-CH-000 \(PDF\)](#)

[Product Specification 1054051000-PS-ES-000 \(PDF\)](#)

[Product Specification 1054051000-PS-SK-000 \(PDF\)](#)

[Product Specification PS-105405-001-001 \(PDF\)](#)
- [Application Specification AS-105405-001-001 \(PDF\)](#)

[Packaging Specification PK-105405-002-000 \(PDF\)](#)

[Test Summary 1054050000-TS-000 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[Symbol Footprint Data SYM-105405-XX06-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

105405

Power, Wire-to-Board

Nano-Fit Power Connectors

Nano-Fit

889056259910

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Glow-Wire Capable

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

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

Shrouded

Temperature Range - Operating

Termination Interface: Style

No

6

6

Natural

25

Yes

Yes

Yes

Brass

Tin

Tin

Liquid Crystal Polymer

0.940/g

2

Right Angle

No

Yes

1.60mm

Embossed Tape on Reel

2.50mm

2.50mm

0.762µm

0.762µm

Yes

Yes

Yes

-40° to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

7.0A

250V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

105405 Series

Mates With

Nano-Fit Receptacle Housing [1053082206](#)

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

This document was generated on 07/05/2022

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