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Part Number:

1054052208

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 8 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable

Documents:

- 3D Model

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

Packaging Specification PK-105405-003-000 (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-XX08-001 (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

889056260008

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Natural

Durability (mating cycles max)

50

Glow-Wire Capable

Yes

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

1.140/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

0.381µm

Plating min - Termination

0.762µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Temperature Range - Operating

-40° to +115°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(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

105405 Series

Mates With

Nano-Fit Receptacle Housing [1053082208](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-105405-001-001
Packaging Specification	PK-105405-003-000
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-XX08-001
Test Summary	1054050000-TS-000

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