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Part Number:

1053132108

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 8 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

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-105309-400-000 (PDF)

Test Summary 1053001000-TS-000 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

105313

Application

Power, Wire-to-Board

Overview

Nano-Fit Power Connectors

Packaging Alternative

1053132508

Product Name

Nano-Fit

UPC

887191929668

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Natural

Durability (mating cycles max)

25

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

Tin

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

0.950/g

Number of Rows

1

Orientation

Right Angle

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

1.524µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

105313 Series

Mates With

Nano-Fit Receptacle Housing 1053072208

Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	8.0A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105309-400-000
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-105313-100-000
Test Summary	1053001000-TS-000

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