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Part Number:

1053141208

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

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

Documents:

- 3D Model

Test Summary 1053000000-TS-000 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-105300-100-001 (PDF)

Product Literature (PDF)
- Packaging Specification PK-105309-200-000 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

105314

Application

Power, Wire-to-Board

Overview

Nano-Fit Power Connectors

Product Literature Order No

987651-1223

Product Name

Nano-Fit

UPC

887191927558

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Black

Durability (mating cycles max)

50

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

Gold over Nickel

Material - Plating Termination

Tin over Nickel

Material - Resin

Liquid Crystal Polymer

Net Weight

0.900/g

Number of Rows

2

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

0.381µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Stackable

No

Surface Mount Compatible (SMC)

No



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per  
-ED/88/2018 (15  
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

105314 Series

Mates With

Nano-Fit Receptacle Housing 105308

Temperature Range - Operating	-40° to +115°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	6.5A
Voltage - Maximum	300V
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-105309-200-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105314-100-000
Symbol/Footprint Data	SYM-105314-XX08
Test Summary	1053000000-TS-000

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