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Part Number: [1054291104](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable

Documents:
[3D Model](#) [Application Specification AS-105405-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification 1054291000-PK-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary 1054050000-TS-000 \(PDF\)](#)
[Product Specification PS-105405-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [105429](#)
Application Power, Wire-to-Board
Overview [Nano-Fit Power Connectors](#)
Product Name Nano-Fit
UPC 191130010110

Physical
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
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 0.742/g
Number of Rows 2
Orientation Vertical
PCB Locator No
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 No
Temperature Range - Operating -40° to +115°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 7.0A
Voltage - Maximum 250V AC (RMS)

Material Info

Reference - Drawing Numbers
Application Specification AS-105405-001-001
Packaging Specification 1054291000-PK-000
Product Specification PS-105405-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[105429](#) Series

Mates With

Nano-Fit Receptacle Housing [1053081204](#)

Use With

Nano-Fit Crimp Terminal [105300](#)

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