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Part Number: [1053123714](#)
Status: **Active**
Overview: Nano-Fit Power Connectors
Description: Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 14 Circuits, with Solder Clips, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tape and Reel

Documents:

[3D Model](#) [Product Specification 1053001000-PS-ES-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

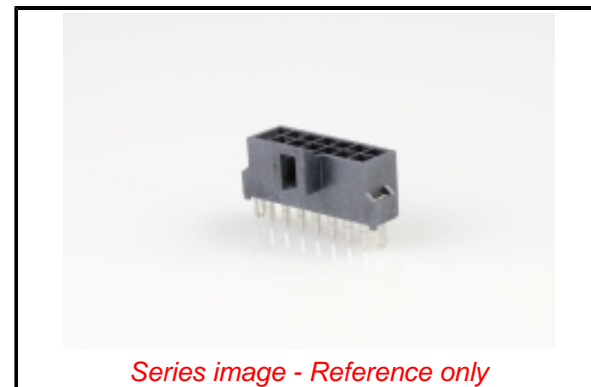
Product Family PCB Headers
Series [105312](#)
Application Power, Wire-to-Board
Overview [Nano-Fit Power Connectors](#)
Packaging Alternative [1053121214](#)
Product Name Nano-Fit
UPC 193264554843

Physical

Breakaway No
Circuits (Loaded) 14
Circuits (maximum) 14
Color - Resin Black
Durability (mating cycles max) 50
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
Material - Plating Termination Tin
Material - Resin Liquid Crystal Polymer
Net Weight 1.358/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.20mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm, 2.40mm
Packaging Type Embossed Tape on Reel
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
Temperature Range - Operating -40° to +115°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 8.0A
Voltage - Maximum 250V AC (RMS)/DC



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105312](#) Series

Mates With

Nano-Fit Receptacle Housing [1053081214](#)

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

1053001000-PS-ES-000

1053121000-SD-000

This document was generated on 01/24/2022

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