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Part Number: [1053114505](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 5 Circuits, with Solder Clips, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tape and Reel

Documents:

| | |
|--|--|
| 3D Model | Product Specification 1053001000-PS-JP-000 (PDF) |
| Drawing (PDF) | Product Specification 1053001000-PS-SK-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 1053111000-PK-000 (PDF) |
| Product Specification 1053001000-PS-CH-000 (PDF) | Datasheet (PDF) |
| Product Specification 1053001000-PS-ES-000 (PDF) | RoHS Certificate of Compliance (PDF) |

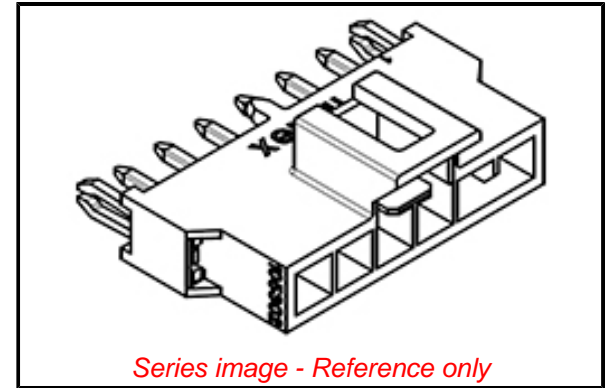
General

| | |
|-----------------------|---|
| Product Family | PCB Headers |
| Series | 105311 |
| Application | Power, Wire-to-Board |
| Overview | Nano-Fit Power Connectors |
| Packaging Alternative | 1053112105 |
| Product Name | Nano-Fit |
| UPC | 193264547029 |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 25 |
| 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 | 0.688/g |
| Number of Rows | 1 |
| 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 | 1.524µm |
| 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 +105°C |
| Termination Interface: Style | Through Hole |

Electrical



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

[105311 Series](#)

Mates With

Nano-Fit Receptacle Housing [1053072205](#)

Current - Maximum per Contact
Voltage - Maximum

7.5A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification

1053111000-PK-000
1053001000-PS-CH-000, 1053001000-PS-ES-000,
1053001000-PS-JP-000, 1053001000-PS-SK-000
1053111000-SD-000

Sales Drawing

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