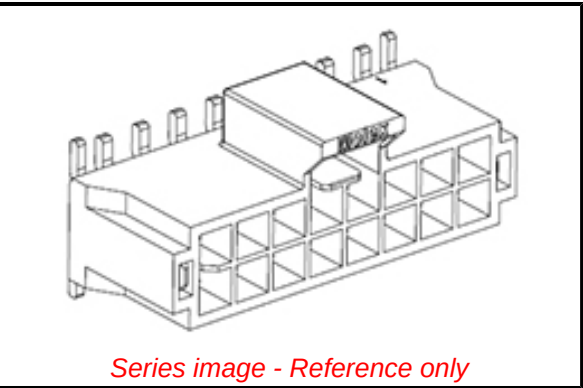


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Part Number: [1054292206](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 6 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-105405-001-001 \(PDF\)](#)
[Application Specification AS-105405-001-001 \(PDF\)](#)
[Packaging Specification 1054291000-PK-000 \(PDF\)](#)
[Test Summary 1054050000-TS-000 \(PDF\)](#)
[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 191130013203

Physical
Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Natural
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 0.940/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 0.380µm
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 6.5A
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

EU ELV
Not Relevant

EU RoHS	China 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	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[105429 Series](#)

Mates With
Nano-Fit Receptacle Housing [105308](#)

Use With
Nano-Fit Crimp Terminal [105300](#)

This document was generated on 04/23/2019

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