

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1054301102](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 2 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 1054301000-PK-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary 1054050000-TS-000 \(PDF\)](#)
[Product Specification PS-105405-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

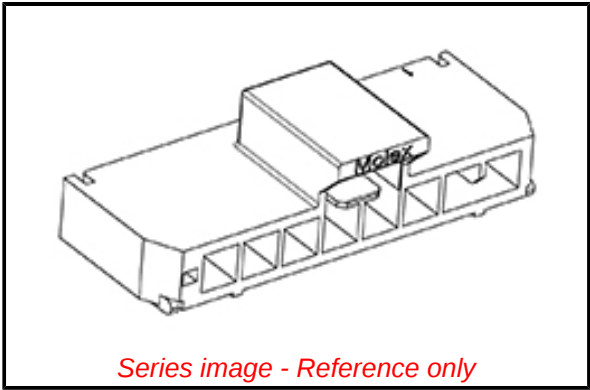
General
Product Family PCB Headers
Series [105430](#)
Application Power, Wire-to-Board
Overview [Nano-Fit Power Connectors](#)
Product Name Nano-Fit
UPC 191128929301

Physical
Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Black
Durability (mating cycles max) 25
Glow-Wire Capable Yes
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 0.570/g
Number of Rows 1
Orientation Right Angle
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 +105°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 1054301000-PK-000](#)
[Product Specification PS-105405-001-001](#)



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - D(2020)4578-DC (25 June 2020) Halogen-Free Status Low-Halogen	China RoHS For more information, please visit Contact US
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
[105430 Series](#)

Mates With
Nano-Fit Receptacle Housing [1053071202](#)

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

This document was generated on 07/30/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION