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Part Number: [1054291114](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Vertical Header, Surface Mount, 2.50mm Pitch, Dual Row, 14 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	105429
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130010165

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	1.750/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

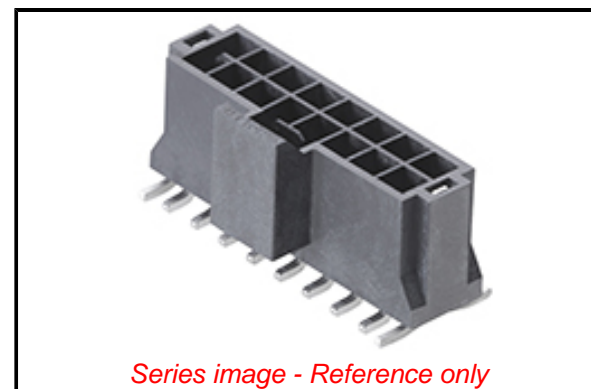
Electrical

Current - Maximum per Contact	6.5A
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-105429-001-000
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

[105429](#) Series

Mates With

Nano-Fit Receptacle Housing [105308](#)

Use With

Nano-Fit Crimp Terminal [105300](#)

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