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Part Number:

1054302205

Status:

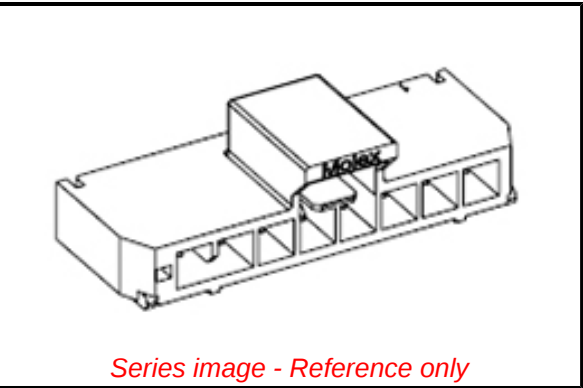
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Single Row, 5 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-105405-001-001 \(PDF\)](#)

[Application Specification AS-105405-001-001 \(PDF\)](#)

[Packaging Specification 1054301000-PK-000 \(PDF\)](#)

[Test Summary 1054050000-TS-000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	105430
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	6.5
Overview	Nano-Fit Power Connectors
PITCH-MATING-NUMERIC	2.50
Product Name	Nano-Fit
UPC	191128956819
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	0.920/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	0.380µm
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	1054301000-PK-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

105430 Series

Mates With

Nano-Fit Receptacle Housing 105307

Use With

Nano-Fit Crimp Terminal 105300

Product Specification
Sales Drawing
Test Summary

PS-105405-001-001
SD-105430-001-000
1054050000-TS-000

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