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Part Number:

1053131605

Status:

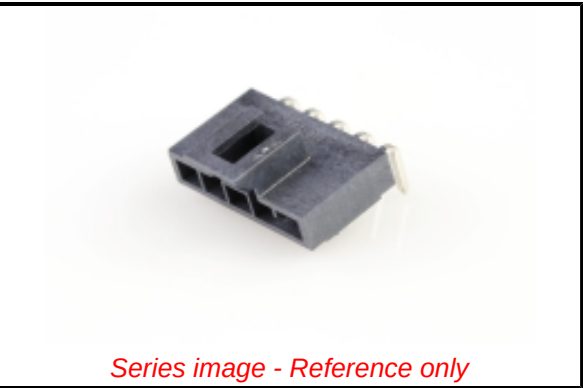
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 5 Circuits, 0.76µm Gold (Au) Plating, Black, 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 1053131000-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	105313
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Packaging Alternative	1053131305
Product Name	Nano-Fit
UPC	193264549184
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	50
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	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.625/g
Number of Rows	1
Orientation	Right Angle
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	0.762µm
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 +115°C
Termination Interface: Style	Through Hole

Electrical

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

105313 Series

Mates With

Nano-Fit Receptacle Housing 1053071205

Current - Maximum per Contact

8.0A

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

1053131000-PK-000

Product Specification

1053001000-PS-CH-000, 1053001000-PS-ES-000,
1053001000-PS-JP-000, 1053001000-PS-SK-000

Sales Drawing

1053131000-SD-000

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