

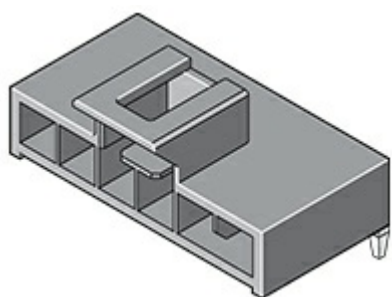
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Part Number: 105313-1304

Nano-Fit™ Right Angle Header, Through Hole, 2.50mm Pitch, Single Row, 4 Circuits, 0.76µm Gold (Au) Plating, Black



Series image - Reference only

Status: Active
Series: [105313](#)
Category: PCB Headers
Overview: [Nano-Fit™ Power Connectors](#)

Mates With Part(s):

Nano-Fit™ Receptacle Housing [105307](#)

Product Environmental Compliance

[EU ELV](#):Not Reviewed
[EU RoHS](#):Not Reviewed
[China RoHS](#):Not Reviewed
[REACH SVHC](#):Not Reviewed
[Low-Halogen Status](#):Not Reviewed

Part Detail

General

Status	Active
Category	PCB Headers
Series	105313
Application	Power, Wire-to-Board
Overview	Nano-Fit™ Power Connectors
Product Literature Order No	987651-1223
Product Name	Nano-Fit™
UPC	887191929064

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	0.510/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	Tray
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°C to +115°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	6.5A
Voltage - Maximum	300V

Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

CSA	LR19980
UL	E29179

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-105309-400
Sales Drawing	SD-105313-100

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

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