Part Number : 1053131804

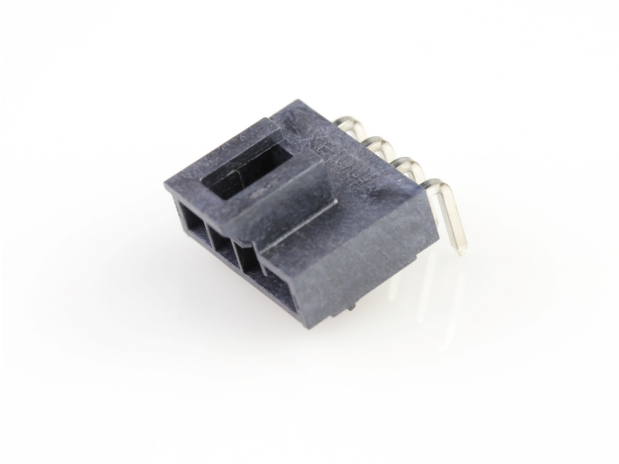
Product Description : Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 4 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tape and Reel

Series Number : 105313

Status : Active

Product Category : PCB Headers and Receptacles

Packaging Alternative : 1053131404 (Tray)



Documents & Resources

Drawings

Drawing_1053131804_sd.pdf

Packaging Design Drawing_1053131000-PK-000.pdf

3D Models and Design Files

3D Model_1053131804_stp.zip

Specifications

Product Specification_1053001000-PS-CH-000.pdf

Product Specification_1053001000-PS-ES-000.pdf

Product Specification_1053001000-PS-JP-000.pdf

Product Specification_1053001000-PS-SK-000.pdf

Product Specification_PS-105300-100-001.pdf

Product Environment Compliance

Compliance

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	105313
Description	Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Single Row, 4 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tape and Reel
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	193264646074

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	0.514/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm, 2.40mm
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
Temperature Range - Operating	-40° to +115°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 4 Circuits, Black, Glow-Wire Capable	1053071204

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