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Part Number:

1053091202

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 2 Circuits, with Kinked Pins, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable

Documents:

3D Model (PDF)

RoHS Certificate of Compliance (PDF)

3D Model

Product Literature (PDF)

Drawing (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	105309
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	887191937533

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
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	0.270/g
Number of Rows	1
Orientation	Vertical
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	0.381µm
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



Series image - Reference only

EU ELV
Compliant

EU RoHS Compliant REACH SVHC Not Contained Per - D(2020)4578-DC (25 June 2020) Halogen-Free Status Low-Halogen	China RoHS
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For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[105309](#) Series

Mates With
Nano-Fit Receptacle Housing [1053071202](#) ,
Nano-Fit Cable Assembly [45130](#)

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	300V

Material Info

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