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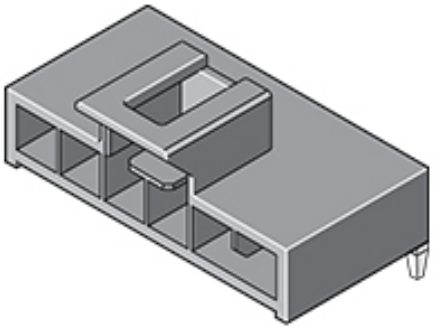
Part Number: 1053131204
Status: Active
Overview: Nano-Fit™ Power Connectors
Description: Nano-Fit™ Right Angle Header, Through Hole, 2.50mm Pitch, Single Row, 4 Circuits, 0.38µm Gold (Au) Plating, Black



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Packaging Specification PK-105309-400 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	105313
Application	Power, Wire-to-Board
Overview	Nano-Fit™ Power Connectors
Product Name	Nano-Fit™
UPC	887191928999

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	0.381µm
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°C to +115°C
Termination Interface: Style	Through Hole

EU ELV
Not Reviewed

EU RoHS
Not Reviewed

China RoHS

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed

Search Parts in this Series
105313 Series

Mates With
Nano-Fit™ Receptacle Housing 105307

Electrical

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

Material Info

Reference - Drawing Numbers

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

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