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Part Number:

1053141206

Status:

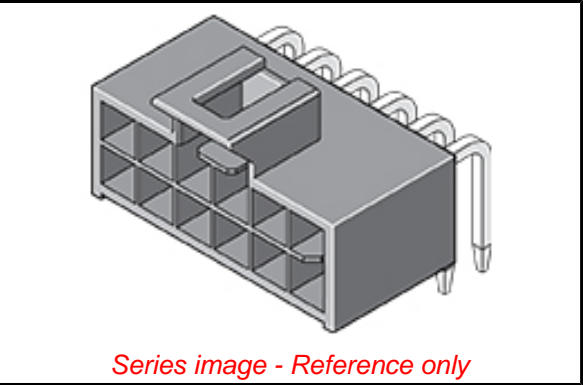
Active

Overview:

Nano-Fit™ Power Connectors

Description:

Nano-Fit™ Right Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 6 Circuits, 0.38µm Gold (Au) Plating, Black



Documents:	
3D Model	Test Summary 1053000000-TS-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-105300-100-001 (PDF)	Product Literature (PDF)
Packaging Specification PK-105309-200-000 (PDF)	

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		105314
Application		Power, Wire-to-Board
Overview		Nano-Fit™ Power Connectors
Product Literature Order No		987651-1223
Product Name		Nano-Fit™
UPC		887191927541
Physical		
Breakaway		No
Circuits (Loaded)		6
Circuits (maximum)		6
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		0.700/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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/01/2017 (12	
January 2017)	
Halogen-Free	
Status	
Low-Halogen	
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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

105314 Series

Mates With

Nano-Fit™ Receptacle Housing 105308

Temperature Range - Operating

Termination Interface: Style

-40°C to +115°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

6.5A

300V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

Test Summary

PK-105309-200-000

PS-105300-100-001

SD-105314-100-000

SYM-105314-XX06

1053000000-TS-000

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