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Part Number:

1054051104

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable



Documents:	
3D Model (PDF)	Application Specification AS-105405-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-105405-001-000 (PDF)
3D Model	Test Summary 1054050000-TS-000 (PDF)
Product Specification 1054051000-PS-CH-000 (PDF)	Datasheet (PDF)
Product Specification 1054051000-PS-ES-000 (PDF)	Symbol Footprint Data SYM-105405-XX04-001 (PDF)
Product Specification 1054051000-PS-SK-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-105405-001-001 (PDF)	

General	
Product Family	PCB Headers
Series	105405
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	889056258036
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.800/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V AC (RMS)/DC

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

105405 Series

Mates With

Nano-Fit Receptacle Housing [1053081204](#)

. Nano-Fit Overmolded Cable Assembly [245130](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-105405-001-001
Packaging Specification	PK-105405-001-000
Product Specification	1054051000-PS-CH-000, 1054051000-PS-ES-000, 1054051000-PS-SK-000, PS-105405-001-001
Sales Drawing	SD-105405-001-000
Symbol/Footprint Data	SYM-105405-XX04-001
Test Summary	1054050000-TS-000

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