

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1054051108

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Right-Angle Header, Surface Mount, 2.50mm Pitch, Dual Row, 8 Circuits, 0.76µm Tin (Sn) Plating, Black, Glow-Wire Capable

- Documents:
- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-105405-001-001 (PDF)

Application Specification AS-105405-001-001 (PDF)

Packaging Specification PK-105405-003-000 (PDF)

Test Summary 1054050000-TS-000 (PDF)

Symbol Footprint Data SYM-105405-XX08 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

General	
Product Family	PCB Headers
Series	105405
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	889056258050
Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	1.140/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/DC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

- Search Parts in this Series

105405 Series
- Mates With

Nano-Fit Receptacle Housing [1053081208](#)
- Use With

Nano-Fit Crimp Terminal [105300](#)

Application Specification	AS-105405-001-001
Packaging Specification	PK-105405-003-000
Product Specification	PS-105405-001-001
Sales Drawing	SD-105405-001-000
Symbol/Footprint Data	SYM-105405-XX08
Test Summary	1054050000-TS-000

This document was generated on 07/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION