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Part Number:

1053103808

Status:

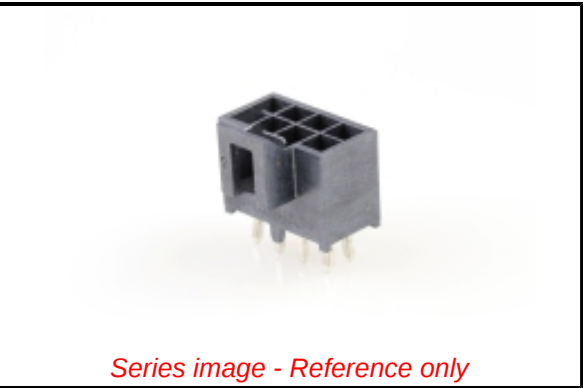
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Dual Row, 8 Circuits, with Kinked Pins, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tape and Reel



Documents:	
3D Model	Packaging Specification 1053101000-PK-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 1053001000-PS-ES-000 (PDF)	

General	
Product Family	PCB Headers
Series	105310
Application	Power, Wire-to-Board
Overview	Nano-Fit Power Connectors
Packaging Alternative	1053101408
Product Name	Nano-Fit
UPC	193264646869
Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	50
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	0.749/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm, 2.40mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
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

Electrical

EU ELV	
Not Reviewed	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Reviewed	
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

105310 Series

Mates With

Nano-Fit Receptacle Housing 1053081208

Current - Maximum per Contact

7.5A

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

1053101000-PK-000

Product Specification

1053001000-PS-ES-000

Sales Drawing

1053101000-SD-000

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