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Part Number:

1053111106

Status:

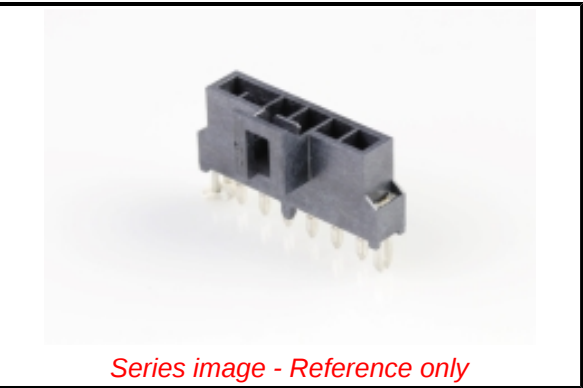
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Vertical Header, Through Hole, 2.50mm Pitch, Single Row, 6 Circuits, with Solder Clips, Tin (Sn) Plating, Black, Glow-Wire Capable



Documents:	
3D Model	Product Specification PS-105300-100-001 (PDF)
3D Model (PDF)	Application Specification AS-105300-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-105309-300-000 (PDF)
Product Specification 1053001000-PS-CH-000 (PDF)	Test Summary 1053001000-TS-000 (PDF)
Product Specification 1053001000-PS-ES-000 (PDF)	Datasheet (PDF)
Product Specification 1053001000-PS-JP-000 (PDF)	Symbol Footprint Data SYM-105311-XX06-001 (PDF)
Product Specification 1053001000-PS-SK-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	105311
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	Nano-Fit Power Connectors
Packaging Alternative	1053113506
Product Name	Nano-Fit
Taxonomy	PCB Headers and Receptacles
UPC	887191932729

Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.790/g
Number of Rows	1
Orientation	Vertical
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	1.524µm
Plating min - Termination	1.524µm

EU ELV
Not Relevant

EU 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
105311 Series

Mates With
Nano-Fit Receptacle Housing 1053071206 .
Nano-Fit Cable Assembly 145130

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	7.5A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105309-300-000
Product Specification	1053001000-PS-CH-000, 1053001000-PS-ES-000, 1053001000-PS-JP-000, 1053001000-PS-SK-000, PS-105300-100-001
Sales Drawing	SD-105311-100-000
Symbol/Footprint Data	SYM-105311-XX06-001
Test Summary	1053001000-TS-000

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