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Part Number:

1053141110

Status:

Active

Overview:

Nano-Fit Power Connectors

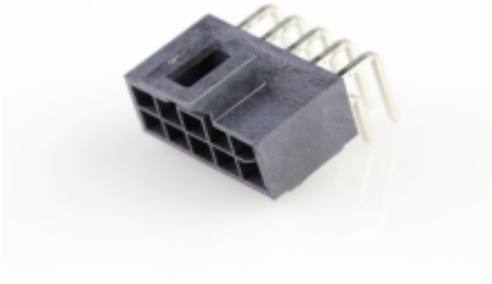
Description:

Nano-Fit Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 10 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray

Documents:	
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-105300-100-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Application Specification AS-105300-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-105309-200-000 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-CH-000 (PDF)</a>	<a href="#">Test Summary 1053001000-TS-000 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-ES-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1053001000-PS-JP-000 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-105314-XX10-001 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-SK-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	105314
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	Nano-Fit Power Connectors
Packaging Alternative	1053141510
Product Name	Nano-Fit
Taxonomy	PCB Headers and Receptacles
UPC	887191926292

Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	1.100/g
Number of Rows	2
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	1.524µm
Plating min - Termination	1.524µm



Series image - Reference only

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 <a href="#">Contact US</a>	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

105314 Series

Mates With

Nano-Fit Receptacle Housing [1053081210](#)

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

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	7.5A
Voltage - Maximum	250V AC (RMS)/DC
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105309-200-000
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-105314-100-000
Symbol/Footprint Data	SYM-105314-XX10-001
Test Summary	1053001000-TS-000

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