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Part Number:

0451301001

Status:

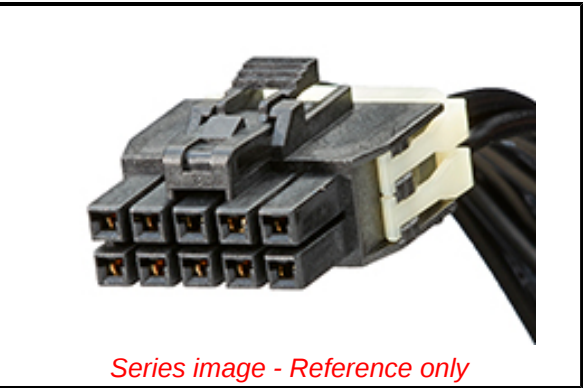
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, 10 Circuits, Black



Documents:

3D Model

Datasheet (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

3D Model (PDF)

General	
Product Family	Cable Assemblies
Series	45130
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Fit-to-Nano-Fit
Overmolded	No
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
Taxonomy	Power and Signal Cable Assembl
Type	Discrete Wire Assembly
UPC	191128141987
Physical	
Cable Length	150.00mm
Circuits (Loaded)	10
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	14.000/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Single Ended	No
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.46mm
Wire Size AWG	20
Wire/Cable Type	UL 1061
Electrical	
Current - Maximum per Contact	8.0A
Voltage - Maximum	250V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Sales Drawing	2012341661-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Not 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

45130 Series

Mates With

Nano-Fit Vertical Through Hole Headers [1053101210](#) , [1053101310](#) , [1053101410](#) , [1053121210](#) , [1053121310](#) , [1053121410](#) . Nano-Fit Right-Angle Through Hole Headers [1053141210](#) , [1053141310](#) , [1053141410](#) . Nano-Fit Vertical SMT Headers [1054291210](#) , [1054291310](#) , [1054291410](#) . Nano-Fit Right-Angle SMT Headers [1054051210](#) , [1054051310](#) . Nano-Fit Plug Housing [2014441110](#) , [2014441210](#)

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