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Part Number:

0451300810

Status:

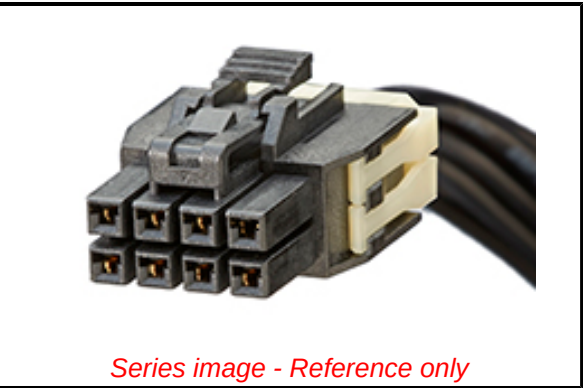
Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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	191128141970
Physical	
Cable Length	1.0m
Circuits (Loaded)	8
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	28.000/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	2012341660-000

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

1053101208 , 1053101308 , 1053101408 ,

1053121208 , 1053121308 , 1053121408 .

Nano-Fit Right-Angle Through Hole Headers

1053141208 , 1053141308 , 1053141408 .

Nano-Fit Vertical SMT Headers 1054291208

, 1054291308 , 1054291408 . Nano-Fit

Right-Angle SMT Headers 1054051208

, 1054051308 . Nano-Fit Plug Housing

2014441108 , 2014441208

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