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Part Number:

0451301010

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 10 Circuits, Black

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Assembly Configuration

Connector to Connector

Overmolded

Overview

Product Name

Taxonomy

Type

UPC

Cable Assemblies

45130

Power, Wire-to-Board

Dual Ended Connectors

Nano-Fit-to-Nano-Fit

No

Nano-Fit Power Connectors

Nano-Fit

Power and Signal Cable Assembl

Discrete Wire Assembly

191128142007

Physical

Cable Length

Circuits (Loaded)

Color - Resin

Gender

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Single Ended

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

1.0m

10

Black

Female-Female

Yes

High Conductivity Copper

Gold

Tin

Nylon

68.783/g

2

Bag

2.50mm

0.381µm

2.540µm

No

Crimp or Compression

1.46mm

20

UL 1061

Electrical

Current - Maximum per Contact

Voltage - Maximum

8.0A

250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing

2012341661-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

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

Halogen-Free

Not Low-Halogen

Status

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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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