

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0451300203

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, 2 Circuits, Black

Documents:

3D Model

3D Model (PDF)

Drawing (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

191128141932

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

300.00mm

2

Black

Female-Female

Yes

High Conductivity Copper

Gold

Tin

Nylon

5.442/g

1

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

2012341657-000



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

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

1053091202 , 1053091302 , 1053111202 ,

1053111302 , 1053111402 . Nano-Fit Right-

Angle Through Hole Headers 1053131202

, 1053131302 , 1053131402 . Nano-

Fit Vertical SMT Headers 1054311202

, 1054311302 , 1054311402 . Nano-Fit

Right-Angle SMT Headers 1054301202 ,

1054301302 , 1054301402 . Nano-Fit Plug

Housing 2002771102 , 2002771202

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