

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0451300803

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 8 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

191128141963

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

8

Black

Female-Female

Yes

High Conductivity Copper

Gold

Tin

Nylon

18.000/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

2012341660-000



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

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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