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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](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[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
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

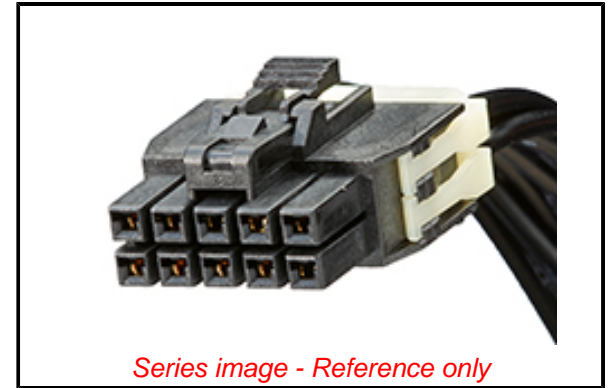
Electrical

Current - Maximum per Contact	5.2A
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	2012341661-000
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45130 Series](#)

Mates With

Nano-Fit Headers [105310](#) , [105312](#) , [105314](#)