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Part Number: [0451301003](#)
Status: **Active**
Overview: [Nano-Fit™ Power Connectors](#)
Description: Nano-Fit™-to-Nano-Fit™ Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 10 Circuits, Black

Documents:

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

General

Product Family	Cable Assemblies
Series	45130
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Fit™-to-Nano-Fit™
Overview	Nano-Fit™ Power Connectors
Product Literature Order No	987651-6143
Product Name	Nano-Fit™ OTS
UPC	191128141994

Physical

Cable Length	300.00mm
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	24.689/g
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

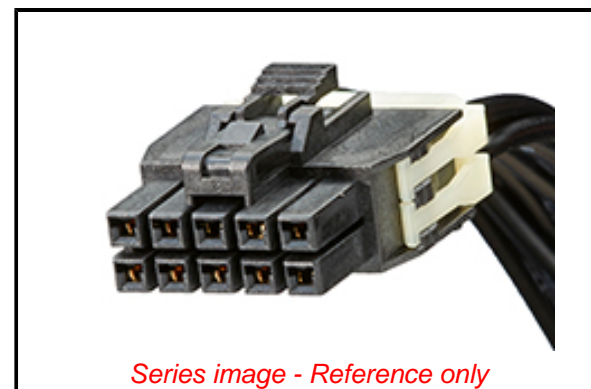
Electrical

Current - Maximum per Contact	5.2A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Sales Drawing	2012341661-000
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45130](#) Series

Mates With

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