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Part Number: **0451300410**
Status: **Active**
Overview: Nano-Fit Power Connectors
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 4 Circuits, Black

Documents:

[3D Model](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[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 191128142137

Physical

Cable Length 1.0m
Circuits (Loaded) 4
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 27.837/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

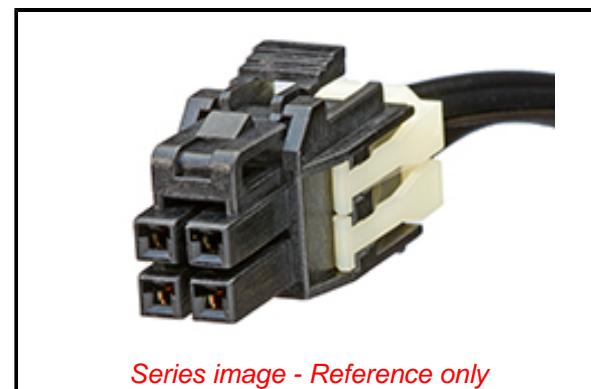
Electrical

Current - Maximum per Contact 6.0A
Voltage - Maximum 250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing 2012341658-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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 Vertical Through Hole Headers
[1053101204](#) , [1053101304](#) , [1053101404](#) ,
[1053121204](#) , [1053121304](#) , [1053121404](#) .
Nano-Fit Right-Angle Through Hole Headers
[1053141204](#) , [1053141304](#) , [1053141404](#) .
Nano-Fit Vertical SMT Headers [1054291204](#)
, [1054291304](#) , [1054291404](#) . Nano-Fit
Right-Angle SMT Headers [1054051204](#)
, [1054051304](#) . Nano-Fit Plug Housing
[2014441104](#) , [2014441204](#)

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