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Part Number: 0451300201
Status: Active
Overview: Nano-Fit Power Connectors
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, 2 Circuits, Black

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

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 Literature Order No 987651-6143
Product Name Nano-Fit
Type Discrete Wire Assembly
UPC 191128141925

Physical
Cable Length 150.00mm
Circuits (Loaded) 2
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 3.552/g
Number of Rows 1
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 6.5A
Voltage - Maximum 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 -
ED/71/2019 (16 July
2019)
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 Headers [105309](#) , [105311](#) , [105313](#)