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Part Number: [0451300810](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 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 191128141970

Physical
Cable Length 1.0m
Circuits (Loaded) 8
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 28.000/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 5.5A
Voltage - Maximum 250V AC (RMS)

Material Info

Reference - Drawing Numbers
Sales Drawing 2012341660-000



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/88/2018 (15 January 2019) Halogen-Free Status Not Low-Halogen	China RoHS For more information, please visit Contact US
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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](#)