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Part Number: [2451300605](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 500.00mm Length, 6 Circuits, Black

Documents:

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

General

Product Family Cable Assemblies
Series [245130](#)
Application Power, Wire-to-Board
Assembly Configuration Dual Ended Connectors
Connector to Connector Nano-Fit-to-Nano-Fit
Overmolded Yes
Overview [Nano-Fit Power Connectors](#)
Product Name Nano-Fit
Taxonomy Power and Signal Cable Assembl
Type Overmolded Assembly
UPC 191128813860

Physical

Cable Length 500.00mm
Circuits (Loaded) 6
Color - Resin Black
Gender Female-Female
Lock to Mating Part Yes
Material - Metal High Conductivity Copper
Material - Plating Mating Matte Tin
Material - Plating Termination Matte Tin
Material - Resin Nylon
Net Weight 37.370/g
Number of Rows 2
Packaging Type Bag
Pitch - Mating Interface 2.50mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Single Ended No
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 6.20mm
Wire Size AWG 20
Wire/Cable Type UL 2464

Electrical

Current - Maximum per Contact 8.0A
Voltage - Maximum 250V AC/DC

Material Info

Reference - Drawing Numbers

Sales Drawing 4000071378-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[245130](#) Series

Mates With

Nano-Fit Vertical Through Hole Headers [1053101106](#) , [1053121106](#) . Nano-Fit Right-Angle Through Hole Headers [1053141106](#) . Nano-Fit Vertical SMT Headers [1054291106](#) . Nano-Fit Right-Angle SMT Headers [1054051106](#) . Nano-Fit Plug Housing [2014441106](#) , [2014441206](#)