

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2451300230](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Single Row, 3.0m Length, 2 Circuits, Black



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

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
Type Overmolded Assembly
UPC 191128813389

Physical
Cable Length 3.0m
Circuits (Loaded) 2
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 98.510/g
Number of Rows 1
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 4.60mm
Wire Size AWG 20
Wire/Cable Type UL 2464

Electrical
Current - Maximum per Contact 6.5A
Voltage - Maximum 250V AC/DC

Material Info

Reference - Drawing Numbers
Sales Drawing 4000071375-000

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
--	--

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

Search Parts in this Series
[245130](#) Series

Mates With
Nano-Fit Headers [105309](#) , [105311](#) , [105313](#)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION