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Part Number:

2451301020

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, 2.0m Length, 10 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	191128814737
Physical	
Cable Length	2.0m
Circuits (Loaded)	10
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	216.010/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	7.70mm
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	4000071381-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Not Reviewed

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 [1053101110](#) , [1053121110](#) . Nano-Fit Right-Angle Through Hole Headers [1053141110](#) . Nano-Fit Vertical SMT Headers [1054291110](#) . Nano-Fit Right-Angle SMT Headers [1054051110](#) . Nano-Fit Plug Housing [2014441110](#) , [2014441210](#)

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