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Part Number: **2451301010**
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, 1.0m Length, 10 Circuits, Black

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

General

Product Family	Cable Assemblies
Series	<u>245130</u>
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Nano-Fit-to-Nano-Fit
Overmolded	Yes
Overview	<u>Nano-Fit Power Connectors</u>
Product Name	Nano-Fit
Type	Overmolded Assembly
UPC	191128814720

Physical

Cable Length	1.0m
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	114.110/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

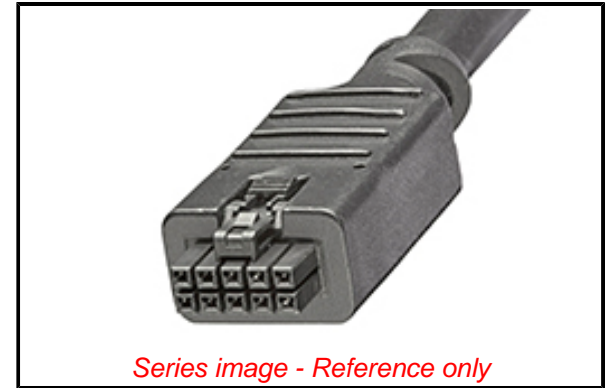
Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing	4000071381-000
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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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