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Part Number: [2451301050](#)
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, 5.0m Length, 10 Circuits, Black

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[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 | 191128814751 |

Physical

| | |
|--------------------------------|--------------------------|
| Cable Length | 5.0m |
| 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 | 521.710/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 |

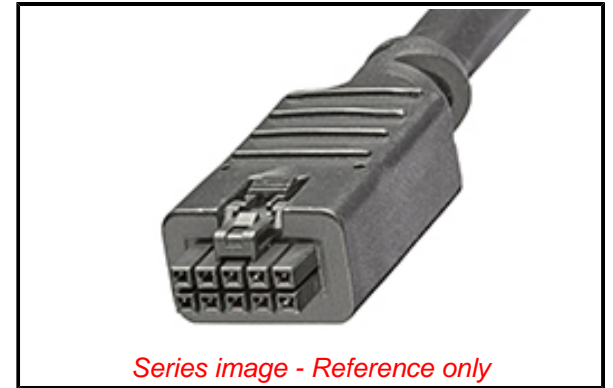
Electrical

| | |
|-------------------------------|------------|
| 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

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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