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Part Number: [0451300810](#)
Status: **Active**
Overview: Nano-Fit Power Connectors
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black

Documents:

| | |
|--------------------------------|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| 3D Model (PDF) | |

General

| | |
|------------------------|---|
| Product Family | Cable Assemblies |
| Series | 45130 |
| Application | Power, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Nano-Fit-to-Nano-Fit |
| Overmolded | No |
| Overview | Nano-Fit Power Connectors |
| Product Name | Nano-Fit |
| Taxonomy | Power and Signal Cable Assembl |
| Type | Discrete Wire Assembly |
| UPC | 191128141970 |

Physical

| | |
|--------------------------------|--------------------------|
| Cable Length | 1.0m |
| Circuits (Loaded) | 8 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Conductivity Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 28.000/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.50mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.540µm |
| Single Ended | No |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.46mm |
| Wire Size AWG | 20 |
| Wire/Cable Type | UL 1061 |

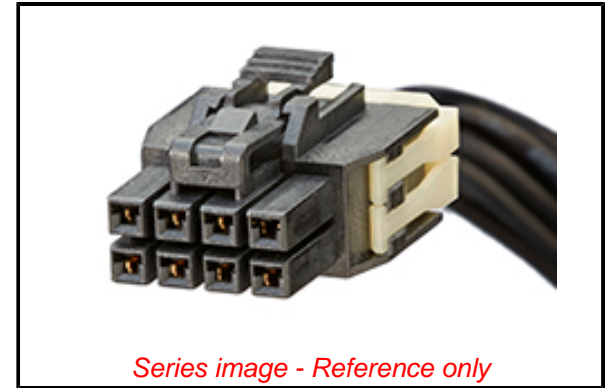
Electrical

| | |
|-------------------------------|---------------|
| Current - Maximum per Contact | 8.0A |
| Voltage - Maximum | 250V AC (RMS) |

Material Info

Reference - Drawing Numbers

| | |
|---------------|----------------|
| Sales Drawing | 2012341660-000 |
|---------------|----------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45130 Series](#)

Mates With

Nano-Fit Vertical Through Hole Headers
[1053101208](#) , [1053101308](#) , [1053101408](#) ,
[1053121208](#) , [1053121308](#) , [1053121408](#) .
 Nano-Fit Right-Angle Through Hole Headers
[1053141208](#) , [1053141308](#) , [1053141408](#) .
 Nano-Fit Vertical SMT Headers [1054291208](#)
 , [1054291308](#) , [1054291408](#) . Nano-Fit
 Right-Angle SMT Headers [1054051208](#)
 , [1054051308](#) . Nano-Fit Plug Housing
[2014441108](#) , [2014441208](#)

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