

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1451300601](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, 6 Circuits, Black

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family [Cable Assemblies](#)  
Series [145130](#)  
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](#)  
Type [Discrete Wire Assembly](#)  
UPC [191130118946](#)

**Physical**

Cable Length [150.00mm](#)  
Circuits (Loaded) [6](#)  
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 [9.670/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 [1.57mm](#)  
Wire Size AWG [20](#)  
Wire/Cable Type [UL 1061](#)

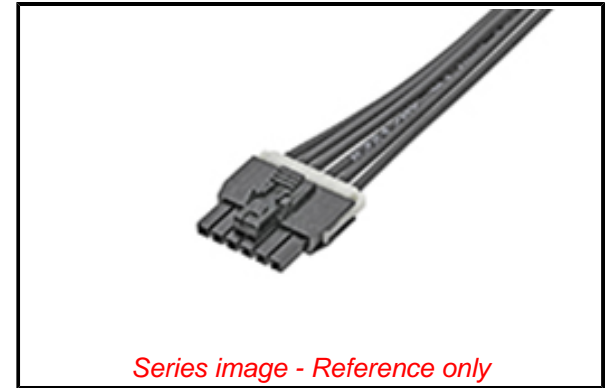
**Electrical**

Current - Maximum per Contact [6.5A](#)  
Voltage - Maximum [250V AC \(RMS\)](#)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing [4000095321-000](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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**

[145130 Series](#)

**Mates With**

Nano-Fit Headers [105309](#) , [105311](#) , [105326](#)