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Part Number: [1451300700](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, 75.00mm Length, 7 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 [191130118977](#)

Physical

Cable Length [75.00mm](#)
Circuits (Loaded) [7](#)
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 [7.716/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](#)

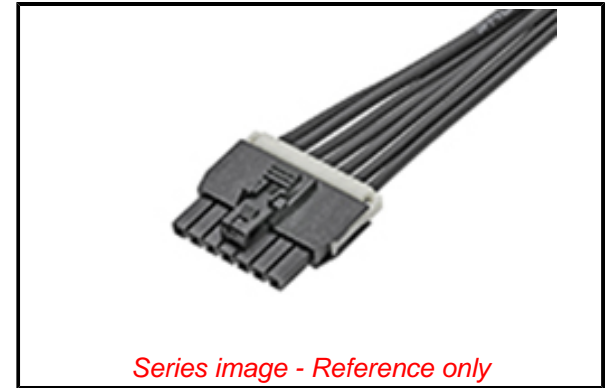
Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing [4000095322-000](#)



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 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](#) , [105329](#)