

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1451300510](#)
Status: **Active**
Overview: Nano-Fit Power Connectors
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 1.0m Length, 5 Circuits, Black

Documents:

3D Model	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (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	191130118922

Physical

Cable Length	1.0m
Circuits (Loaded)	5
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	36.460/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

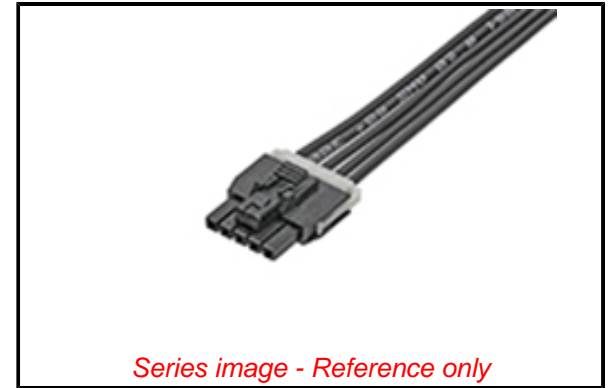
Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing	4000095320-000
---------------	----------------



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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 Vertical Through Hole Headers
[1053091105](#) , [1053111105](#) . Nano-Fit Right-Angle Through Hole Headers [1053131105](#) .
 Nano-Fit Vertical SMT Headers [1054311105](#) .
 Nano-Fit Right-Angle SMT Headers
[1054301105](#) . Nano-Fit Plug Housing
[2002771105](#) , [2002771205](#)