

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2451300820](#)
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, 2.0m Length, 8 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
Taxonomy	Power and Signal Cable Assembl
Type	Overmolded Assembly
UPC	191128814584

Physical

Cable Length	2.0m
Circuits (Loaded)	8
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	166.930/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	6.70mm
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	4000071380-000
---------------	----------------



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[245130 Series](#)

Mates With

Nano-Fit Vertical Through Hole Headers [1053101108](#) , [1053121108](#) . Nano-Fit Right-Angle Through Hole Headers [1053141108](#) . Nano-Fit Vertical SMT Headers [1054291108](#) . Nano-Fit Right-Angle SMT Headers [1054051108](#) . Nano-Fit Plug Housing [2014441108](#) , [2014441208](#)