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Part Number: [2451300810](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black



Documents:
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[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
Type Overmolded Assembly
UPC 191128814577

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 Matte Tin
Material - Plating Termination Matte Tin
Material - Resin Nylon
Net Weight 88.930/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 6.0A
Voltage - Maximum 250V AC (RMS)

Material Info

Reference - Drawing Numbers
Sales Drawing 4000071380-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[245130](#) Series

Mates With

Nano-Fit Headers [105309](#) , [105311](#) , [105313](#)