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

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	nanofit_power_connectors
Product Name	Nano-Fit
Taxonomy	Power and Signal Cable Assembl
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	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	China RoHS
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China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[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](#)

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