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**Part Number:** 0451300801

**Status:** Active

**Overview:** Nano-Fit Power Connectors

**Description:** Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, 8 Circuits, Black



*Series image - Reference only*

**Documents:**

Drawing (PDF)

Product Literature (PDF)

RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **General** | |
| Product Family | Cable Assemblies |
| Series | 45130 |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Nano-Fit-to-Nano-Fit |
| Overmolded | No |
| Overview | Nano-Fit Power Connectors |
| Product Literature Order No | 987651-6143 |
| Product Name | Nano-Fit OTS |
| UPC | 191128141956 |
| **Physical** | |
| Cable Length | 150.00mm |
| Circuits (Loaded) | 8 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Conductivity Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 11.000/g |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.50mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.540µm |
| Single Ended | No |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.46mm |
| Wire Size AWG | 20 |
| Wire/Cable Type | UL 1061 |
| **Electrical** | |
| Current - Maximum per Contact | 5.5A |
| Voltage - Maximum | 250V AC (RMS) |
| **Material Info** | |
| **Reference - Drawing Numbers** | |
| Sales Drawing | 2012341660-000 |

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free Status**
**Not Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
45130 Series

**Mates With**
Nano-Fit Headers 105310 , 105312 , 105314

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