

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0451300801

Status:

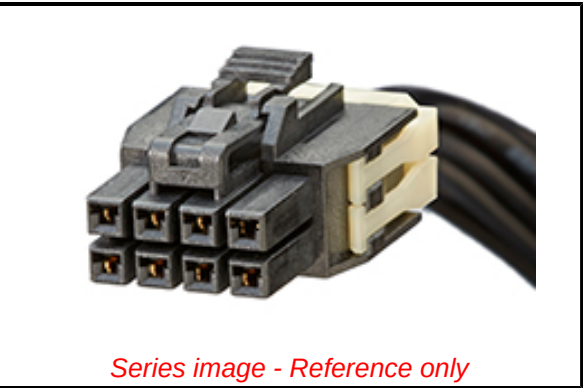
Active

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



Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| General                        |                                |
| Product Family                 | Cable Assemblies               |
| Series                         | 45130                          |
| 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                       |
| Taxonomy                       | Power and Signal Cable Assembl |
| Type                           | Discrete Wire Assembly         |
| 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                       |
| Number of Rows                 | 2                              |
| 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  | 8.0A                           |
| Voltage - Maximum              | 250V AC (RMS)                  |
| Material Info                  |                                |
| Reference - Drawing Numbers    |                                |
| Sales Drawing                  | 2012341660-000                 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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 Vertical Through Hole Headers [1053101208](#) , [1053101308](#) , [1053101408](#) , [1053121208](#) , [1053121308](#) , [1053121408](#) . Nano-Fit Right-Angle Through Hole Headers [1053141208](#) , [1053141308](#) , [1053141408](#) . Nano-Fit Vertical SMT Headers [1054291208](#) , [1054291308](#) , [1054291408](#) . Nano-Fit Right-Angle SMT Headers [1054051208](#) , [1054051308](#) . Nano-Fit Plug Housing [2014441108](#) , [2014441208](#)

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**