

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0451350603**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 6 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">45135</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit TPA2 Both Ends
Overmolded	No
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Product Name	Mini-Fit TPA2
Type	Discrete Wire Assembly
UPC	889056743594

**Physical**

Cable Length	300.00mm
Circuits (Loaded)	6
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	38.760/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Single Ended	No
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.35mm
Wire Size AWG	16
Wire/Cable Type	UL 1007

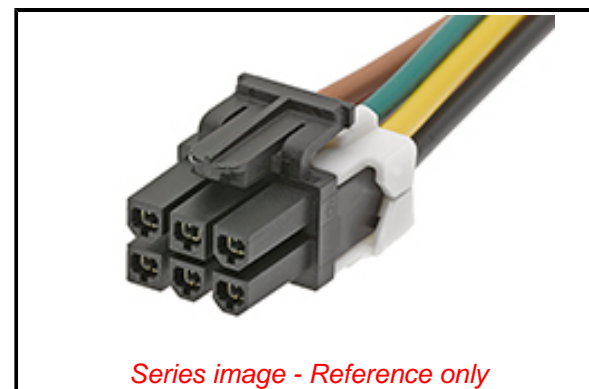
**Electrical**

Current - Maximum per Contact	8.0A
Voltage - Maximum	300V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2012341036-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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**

[45135 Series](#)

**Mates With**

Mini-Fit Jr. Headers [5566](#) , [5569](#) <br>Mini-Fit Jr. Plug Housing [5559](#)