

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

**Part Number:** **0451320810**  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) 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	<a href="#">45132</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit TPA Both Ends
Overmolded	No
Overview	<u>Micro-Fit Connector System</u>
Product Literature Order No	987651-6143
Product Name	Micro-Fit TPA
Type	Discrete Wire Assembly
UPC	889056743792

**Physical**

Cable Length	1.0m
Circuits (Loaded)	8
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	63.063/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Single Ended	No
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.76mm
Wire Size AWG	20
Wire/Cable Type	UL 1007

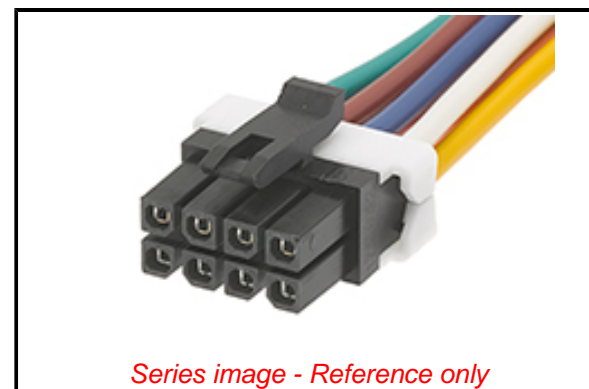
**Electrical**

Current - Maximum per Contact	5.0A
Voltage - Maximum	300V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2012341033-000
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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**

[45132 Series](#)

**Mates With**

Micro-Fit 3.0 Headers [43045](#) <br>Micro-Fit  
3.0 Plug Housings [43020](#)