

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

**Part Number:** [2451320605](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-fit 3.0-to-Micro-Fit 3.0 Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 0.5m Length, 6 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2014400104-PK \(PDF\)](#) [Product Literature \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">245132</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0 Both Ends
Overmolded	Yes
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit 3.0
Type	Overmolded Assembly
UPC	889056853835

**Physical**

Cable Length	0.50m
Circuits (Loaded)	6
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	39.200/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	5.50mm
Wire Size AWG	20
Wire/Cable Type	UL 2464

**Electrical**

Current - Maximum per Contact	4.0A
Voltage - Maximum	300V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	2014400104-PK
Sales Drawing	2014400091-000



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[245132](#) Series

**Mates With**

Micro-Fit 3.0 Plug Housings [43020](#)  
 <br>Micro-Fit 3.0 Headers [43045](#) <br>Micro-Fit 3.0 Test Plug [44242](#)