

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

**Part Number:** [2451320899](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Overmolded Plug Adapter, Dual Row, 8 Circuits, Black

**Documents:**

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

**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
Taxonomy	Power and Signal Cable Assembl
Type	Plug Adapter
UPC	191128755214

**Physical**

Cable Length	50.00mm
Circuits (Loaded)	8
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon, PBT
Net Weight	42.034/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	5.6A
Voltage - Maximum	300V DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2014400171-001
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*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[245132](#) Series

**Mates With**

Micro-Fit 3.0 Receptacle Housings [43025](#) ,  
<br>Micro-Fit 3.0 Cable Assembly [245132](#)