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**Part Number:** [2451321010](#)  
**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, 1.0m Length, 10 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2014400099-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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	Overmolded Assembly
UPC	889056841153

**Physical**

Cable Length	1.0m
Circuits (Loaded)	10
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	111.000/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**

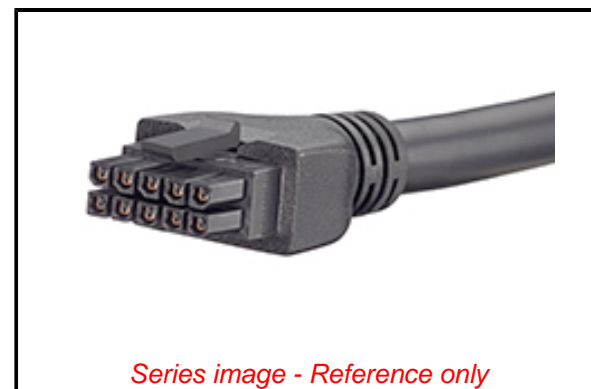
Current - Maximum per Contact	3.0A
Voltage - Maximum	300V AC

**Material Info**

Engineering Number	795161101
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**Reference - Drawing Numbers**

Packaging Specification	2014400099-PK
Sales Drawing	2014400093-000



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

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