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**Part Number:** [2451320299](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit 3.0 Connector System Product Family](#)  
**Description:** Micro-Fit 3.0 Overmolded Plug Adapter, Dual Row, 2 Circuits, Black

**Documents:**

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

**General**

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| Product Family              | Cable Assemblies                                              |
| Series                      | <a href="#">245132</a>                                        |
| Application                 | Power                                                         |
| Assembly Configuration      | Dual Ended Connectors                                         |
| Connector to Connector      | Micro-Fit 3.0 Both Ends                                       |
| Overmolded                  | Yes                                                           |
| Overview                    | <a href="#">Micro-Fit 3.0 Connector System Product Family</a> |
| Product Literature Order No | 987651-8101                                                   |
| Product Name                | Micro-Fit 3.0 OTS                                             |
| UPC                         | 191128754880                                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 50.00mm              |
| Circuits (Loaded)              | 2                    |
| 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                     | 25.668/g             |
| 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 | 4.5A    |
| Voltage - Maximum             | 300V DC |

**Material Info**

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 2014400168-001 |
|---------------|----------------|



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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](#)