

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

**Part Number:** [2451320220](#)  
**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, 2.0m Length, 2 Circuits, Black

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification 2014400109-PK (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Literature (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                              |
| Type                   | Overmolded Assembly                        |
| UPC                    | 889056853880                               |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 2.0m                 |
| Circuits (Loaded)              | 2                    |
| 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                     | 94.356/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              |

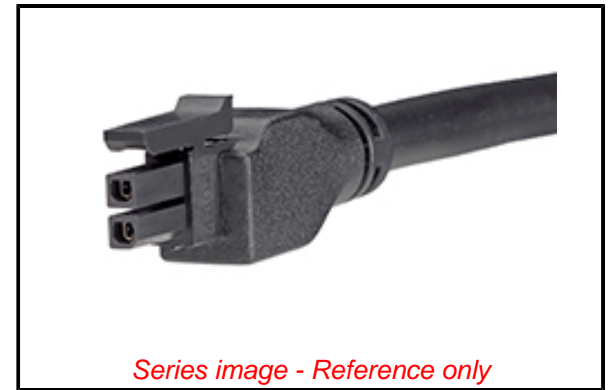
**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 5.6A    |
| Voltage - Maximum             | 300V AC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | 2014400109-PK  |
| Sales Drawing           | 2014400085-000 |



**EU ELV**

**Not Relevant**

**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

Not Relevant

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](#)

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