

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

**Part Number:** **2451350805**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Jr.-to-Mini-Fit Jr. Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 0.5m Length, 8 Circuits, Black

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification 2027040003-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="#">245135</a>                           |
| Application            | Power, Wire-to-Board, Wire-to-Wire               |
| Assembly Configuration | Dual Ended Connectors                            |
| Connector to Connector | Mini-Fit Jr. Both Ends                           |
| Overmolded             | Yes  |
| Overview               | <a href="#">Mini-Fit Family Power Connectors</a> |
| Product Name           | Mini-Fit Jr.                                     |
| Type                   | Overmolded Assembly                              |
| UPC                    | 889056878210                                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 0.50m                |
| Circuits (Loaded)              | 8                    |
| Color - Resin                  | Black                |
| Gender                         | Female-Female        |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Nylon                |
| Net Weight                     | 71.500/g             |
| Number of Rows                 | 2                    |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 4.20mm               |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Single Ended                   | No                   |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 5.40mm               |
| Wire Size AWG                  | 18                   |
| Wire/Cable Type                | UL 2464              |

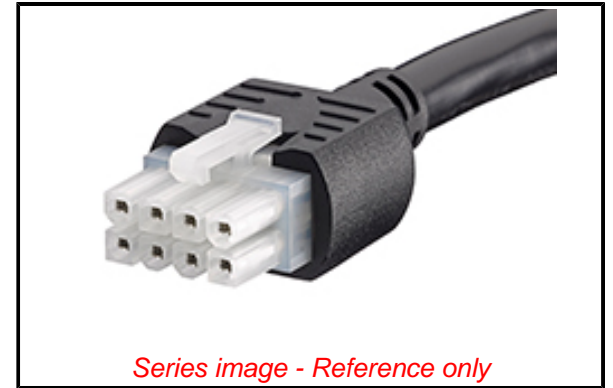
**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 8.4A    |
| Voltage - Maximum             | 300V AC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | 2027040003-PK  |
| Sales Drawing           | 2014400058-000 |



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

[245135 Series](#)

**Mates With**

Dual Row Plug Housing [5559](#) <br>Dual Row Header [5566](#) , [5569](#) , [87427](#)

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