

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

**Part Number:** [2147521033](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin (Sn) Plating, 3 Circuits, Black

**Documents:**

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

**General**

|                        |  |
|------------------------|--|
| Product Family         | Cable Assemblies                           |
| Series                 | <a href="#">214752</a>                     |
| Application            | Power, Wire-to-Wire                        |
| Assembly Configuration | Dual Ended Connectors                      |
| Connector to Connector | Micro-Fit 3.0 Both Ends                    |
| Overmolded             | No   |
| Overview               | <a href="#">Micro-Fit Connector System</a> |
| Product Name           | Micro-Fit 3.0                              |
| Type                   | Discrete Wire Assembly                     |
| UPC                    | 193264585731                               |

**Physical**

|                                |                         |
|--------------------------------|-------------------------|
| Cable Length                   | 600.00mm                |
| Circuits (Loaded)              | 3                       |
| 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                   |
| Net Weight                     | 21.809/g                |
| Number of Rows                 | 1                       |
| 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       | 1.85mm max.             |
| Wire Size AWG                  | 18                      |
| Wire/Cable Type                | Discrete Wire, UL 10002 |

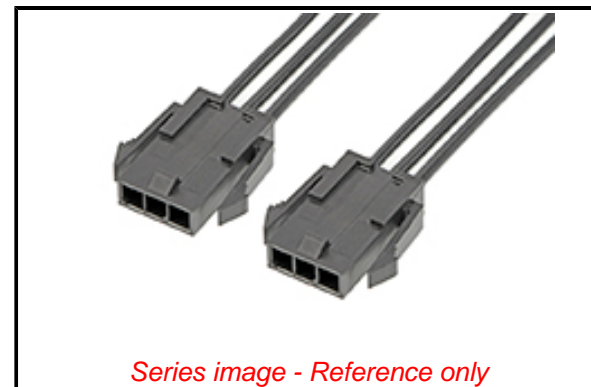
**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 8.5A       |
| Voltage - Maximum             | 300V AC/DC |

**Material Info**

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 2147521031-000 |
|---------------|----------------|



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[214752 Series](#)

**Mates With**

Micro-Fit 3.0 Receptacle Housing [43645](#)