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Part Number: 0451320610

**Status:** **Active**

## Overview: Micro-Fit Connector System

**Description:** Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 6 Circuits, Black

### Documents:

Drawing (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)

Product Literature (PDF)

## General

|                             |                                    |
|-----------------------------|------------------------------------|
| Product Family              | Cable Assemblies                   |
| Series                      | <u>45132</u>                       |
| Application                 | Power, Wire-to-Board, Wire-to-Wire |
| Assembly Configuration      | Dual Ended Connectors              |
| Connector to Connector      | Micro-Fit TPA Both Ends            |
| Overmolded                  | No                                 |
| Overview                    | <u>Micro-Fit Connector System</u>  |
| Product Literature Order No | 987651-6143                        |
| Product Name                | Micro-Fit TPA                      |
| Type                        | Discrete Wire Assembly             |
| UPC                         | 889056745260                       |

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 1.0m                 |
| Circuits (Loaded)              | 6                    |
| 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                     | 89.200/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       | 1.76mm               |
| Wire Size AWG                  | 20                   |
| Wire/Cable Type                | UL 1007              |

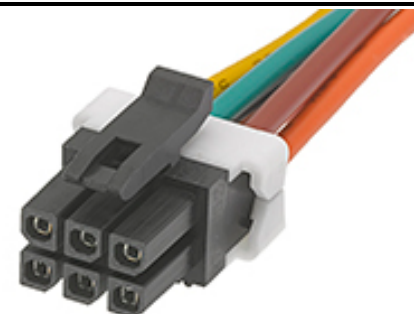
## Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum             | 300V |

## Material Info

### Reference - Drawing Numbers

|               |                |
|---------------|----------------|
| Sales Drawing | 2012341032-000 |
|---------------|----------------|



Series image - Reference only

## EU ELV

**Not Relevant**

## 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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

### Search Parts in this Series

45132 Series

## Mates With

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

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