

**Part Number :** 2147522103

**Product Description :** Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Gold (Au) Plating, 10 Circuits, Black



**Series Number :** 214752

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies

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## Documents & Resources

### Drawings

[Drawing 2147522103\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 2147522103\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

### Part Details

#### General

Status	Active
Category	Power and Signal Cable Assemblies
Series	214752
Description	Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Gold (Au) Plating, 10 Circuits, Black
Application	Power, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0 Both Ends
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
Type	Discrete Wire Assembly
UPC	193264586097

#### Electrical

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

#### Physical

Cable Length	600.00mm
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon

Net Weight	71.520/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762 $\mu$ m
Plating min - Termination	2.540 $\mu$ m
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	Discrete Wire, UL 10002
Wire Insulation Diameter	1.85mm max.
Wire Size (AWG)	18

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Single Row Receptacle Housings	<u>43645</u>

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