



**Part Number :** [2147522042](#)  
**Product Description :** Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Gold (Au) Plating, 4 Circuits, Black  
**Series Number :** 214752  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

[2147522042 sd.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## 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, 300.00mm Length, Gold (Au) Plating, 4 Circuits, Black
Application	Power, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0 Both Ends
Product Name	Micro-Fit 3.0
Type	Discrete Wire Assembly
UPC	193264585960

### Electrical

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

### Physical

Cable Length	300.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
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	15.958/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	Discrete Wire, UL 10002
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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