

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

**Part Number:** [2451320810](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-fit 3.0-to-Micro-Fit 3.0 Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 245132081-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="#">245132</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0 Both Ends
Overmolded	Yes
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit 3.0
Type	Overmolded Assembly
UPC	889056867238

**Physical**

Cable Length	1.0m
Circuits (Loaded)	8
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	95.100/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	5.50mm
Wire Size AWG	20
Wire/Cable Type	UL 2464

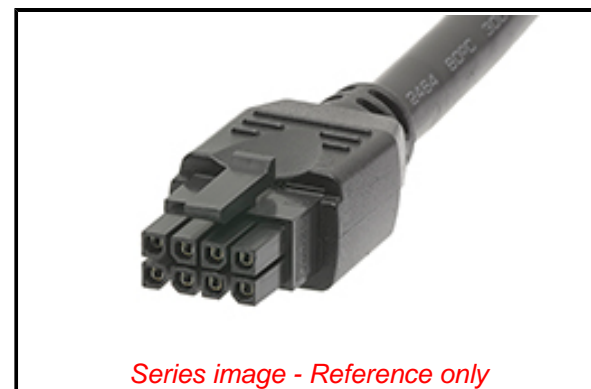
**Electrical**

Current - Maximum per Contact	3.5A
Voltage - Maximum	300V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	245132081-PK
Sales Drawing	2014400096-000



*Series image - Reference only*

**EU ELV**

**Compliant**

**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

Compliant

Not Contained

**Search Parts in this Series**

[245132](#) Series

**Mates With**

Micro-Fit 3.0 Plug Housings [43020](#)  
 <br>Micro-Fit 3.0 Headers [43045](#) <br>Micro-Fit 3.0 Test Plug [44242](#)

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DC Power Cords](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[172-4000](#) [172-4101](#) [172-7443-E](#) [21033836407](#) [2J-1865A](#) [2R7006A20A120](#) [426055400-3](#) [MN47A4BC01M010](#) [H-OU-2](#) [CA0002](#)  
[420680840-3](#) [426451500-3](#) [P162PT4-36](#) [1-832692-4](#) [FJ-VSP 3M](#) [96CB-POWER-B-1.8M2](#) [426040200](#) [CA0006](#) [H-OU-27](#) [1700019464](#) [FJ-](#)  
[VSP 10M](#) [MN47B4BC01M040](#) [H-OU-20](#) [2-836917-8](#) [867566-1](#) [804001P03M050G](#) [2050KH1-BK](#) [426013710-3](#) [58257-1069](#) [216603-0037](#)  
[1011147](#) [1011324](#) [1012028](#) [862545-5](#) [BXC-10567](#) [172-2555](#) [32102-022800-200-RS](#) [P29000-M2](#) [P29004-M2](#) [DC.CAB.0201.0150](#)  
[DC.CAB.0301.0150](#) [DC.CAB.0610.0150](#) [DC.CAB.0700.0150](#) [DC.CAB.1000.0150](#) [DC.CAB.1000.0300](#) [DC.CAB.1100.0150](#)  
[DC.CAB.1400.0150](#) [DC.CAB.1410.0150](#) [DC.CAB.1500.0150](#) [DC.CAB.1811.0150](#)