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Part Number: [0451320603](#)
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: Micro-Fit* TPA to Micro-Fit* TPA Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 6 Circuits, Black

Documents:

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

General

Product Family	Cable Assemblies
Series	45132
Application	Power
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit* TPA Both Ends
Overview	<u>Micro-Fit 3.0™ Connectors</u>
Product Name	Micro-Fit* TPA OTS
UPC	889056745253

Physical

Cable Length	300.00mm
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
Net Weight	16.468/g
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

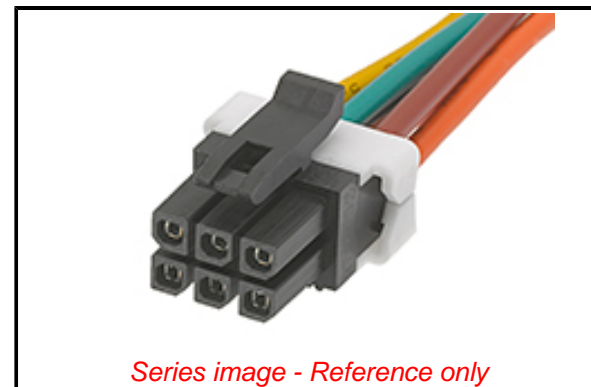
Current - Maximum per Contact	5.0A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Sales Drawing	2012341032-000
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*Micro-Fit is a trademark of Molex, LLC in the United States and may be registered in certain jurisdictions.



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)
Micro-Fit 3.0™ Plug Housings [43020](#)