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**Part Number:** [2451320299](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Overmolded Plug Adapter, Dual Row, 2 Circuits, Black

**Documents:**

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

**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	Plug Adapter
UPC	191128754880

**Physical**

Cable Length	50.00mm
Circuits (Loaded)	2
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon, PBT
Net Weight	25.668/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

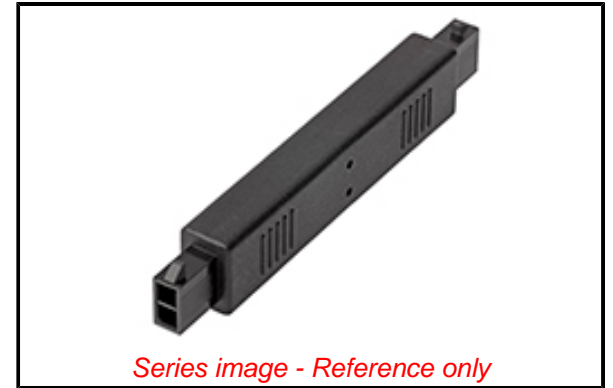
**Electrical**

Current - Maximum per Contact	5.6A
Voltage - Maximum	300V DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2014400168-001
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*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Pyrene  
Fluoranthene  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Boric acid  
n-pentyl-  
isopentylphthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
ammoniumpentadecafluorooctanoate  
dibutyltin dichloride

**China RoHS**

1,2-diethoxyethane  
diisopentylphthalate  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
octamethylcyclotetrasiloxane  
dodecamethylcyclohexasiloxane  
perfluorooctanoic acid  
ethylene thiourea  
phenanthrene  
dihexyl phthalate  
(DnHP)  
4-aminoazobenzene  
[phthalato(2-)]dioxotrilead  
Sulfurous acid, lead  
salt, dibasic  
dioxobis(stearato)trilead  
tetralead trioxide  
sulphate  
pentalead tetraoxide  
sulphate  
lead titanium trioxide  
pyrochlore, antimony  
lead yellow  
cadmium  
cadmium sulphide  
bis(2-methoxyethyl)  
phthalate  
pentazinc chromate  
octahydroxide  
potassium  
hydroxyoctaoxidizincatedichromate(1-)  
bis(2-methoxyethyl)  
ether  
1,2-  
benzenedicarboxylic  
acid; di-C6-8-  
branched a  
tetraboron disodium  
heptaoxide, hydrate  
lead chromate

**Halogen-Free  
Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[245132](#) Series

**Mates With**

Micro-Fit 3.0 Receptacle Housings [43025](#) ,  
<br>Micro-Fit 3.0 Cable Assembly [245132](#)

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