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Part Number: [2451350410](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Jr.-to-Mini-Fit Jr. Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, 4 Circuits, Black

Documents:

[3D Model](#) [Packaging Specification 2027040007-PK \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Cable Assemblies
 Series [245135](#)
 Application Power, Wire-to-Board, Wire-to-Wire
 Assembly Configuration Dual Ended Connectors
 Connector to Connector Mini-Fit Jr. Both Ends
 Overmolded Yes
 Overview [Mini-Fit Jr. Power Connectors](#)
 Product Name Mini-Fit Jr.
 Type Overmolded Assembly
 UPC 889056879651

Physical

Cable Length 1.0m
 Circuits (Loaded) 4
 Color - Resin Black
 Gender Female-Female
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 77.800/g
 Number of Rows 2
 Packaging Type Bag
 Pitch - Mating Interface 4.20mm
 Plating min - Mating 2.540µm
 Plating min - Termination 2.540µm
 Single Ended No
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 5.40mm
 Wire Size AWG 18
 Wire/Cable Type UL 2464

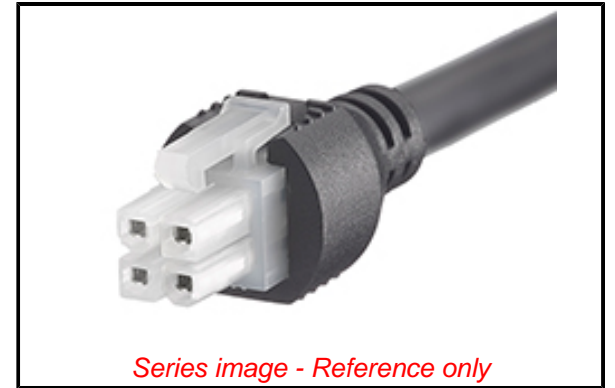
Electrical

Current - Maximum per Contact 8.4A
 Voltage - Maximum 300V AC

Material Info

Reference - Drawing Numbers

[Packaging Specification](#) 2027040007-PK
[Sales Drawing](#) 2014400030-000



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 perfluorooctanoic acid
 decamethylcyclotrasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 diisopentylphthalate
 1,2-diethoxyethane
 dibutyltin dichloride
 1,3-propanesultone
 ammoniumpentadecafluorooctanoate
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 1,2-
 Benzenedicarboxylic
 acid, dihexyl ester,
 bra
 diisohexyl phthalate
 1,2-
 benzenedicarboxylic
 acid, dipentylester,
 bra
 n-pentyl-
 isopentylphthalate
 Boric acid
 Nonadecafluorodecanoic
 acid (PFDA) and its
 sodiu

China RoHS

Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Methylhexahydrophthalic
anhydride
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts
di-n-pentyl phthalate
(DPP)
Lead sulfochromate
yellow
strontium chromate
bis(2-methoxyethyl)
ether
pentazinc chromate
octahydroxide
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
lead
cadmium
lead dinitrate
lead oxide sulfate
pentalead tetraoxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
[phthalato(2-)]dioxotrilead
benzo[a]pyrene
4-aminoazobenzene
dihexyl phthalate
(DnHP)
ethylene thiourea

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

[245135 Series](#)

Mates With

Dual Row Plug Housing 5559
Dual Row
Header 5566 , 5569 , 87427
Dual Row
BMI Header 43810 , 44068 , 42404 , 42440

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