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Part Number: **2451321010**
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, 10 Circuits, Black

Documents:

| | |
|--------------------------------|---|
| 3D Model | Packaging Specification 2014400099-PK (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|------------------------|--|
| Product Family | Cable Assemblies |
| Series | 245132 |
| 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 | Micro-Fit Connector System |
| Product Name | Micro-Fit 3.0 |
| Type | Overmolded Assembly |
| UPC | 889056841153 |

Physical

| | |
|--------------------------------|----------------------|
| Cable Length | 1.0m |
| Circuits (Loaded) | 10 |
| 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 | 111.000/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

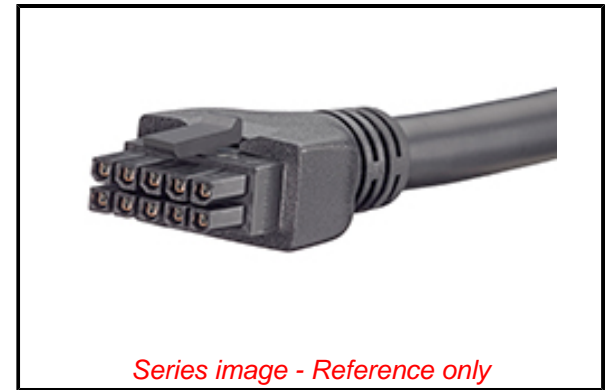
| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 300V AC |

Material Info

| | |
|--------------------|-----------|
| Engineering Number | 795161101 |
|--------------------|-----------|

Reference - Drawing Numbers

| | |
|-------------------------|----------------|
| Packaging Specification | 2014400099-PK |
| Sales Drawing | 2014400093-000 |



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](#)

Micro-Fit 3.0 Headers [43045](#)
Micro-Fit 3.0 Test Plug [44242](#)

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