

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2147581021

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 2 Circuits, Black



Series image - Reference only

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                            |
|--------------------------------|----------------------------|
| General                        |                            |
| Product Family                 | Cable Assemblies           |
| Series                         | 214758                     |
| Application                    | Power, Wire-to-Wire        |
| Assembly Configuration         | Dual Ended Connectors      |
| Connector to Connector         | Micro-Fit 3.0-to-Pigtail   |
| Overmolded                     | No                         |
| Overview                       | Micro-Fit Connector System |
| Product Name                   | Micro-Fit 3.0              |
| Type                           | Discrete Wire Assembly     |
| UPC                            | 193264501984               |
| Physical                       |                            |
| Cable Length                   | 150.00mm                   |
| Circuits (Loaded)              | 2                          |
| Color - Resin                  | Black                      |
| Gender                         | Male-Pigtail               |
| Lock to Mating Part            | Yes                        |
| Material - Metal               | Phosphor Bronze            |
| Material - Plating Mating      | Tin                        |
| Material - Plating Termination | Tin                        |
| Material - Resin               | Nylon                      |
| Net Weight                     | 3.961/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       | 1.85mm max.                |
| Wire Size AWG                  | 18                         |
| Wire/Cable Type                | UL 1061                    |
| Electrical                     |                            |
| Current - Maximum per Contact  | 8.5A                       |
| Voltage - Maximum              | 300V AC/DC                 |
| Material Info                  |                            |
| Reference - Drawing Numbers    |                            |
| Sales Drawing                  | 2147581020-000             |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

214758 Series

Mates With

Micro-Fit 3.0 Receptacle Housings [43025](#)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION