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Part Number: [2147700605](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 500.00mm Length, Tin (Sn) Plating, 6 Circuits, Black

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

General

| | |
|------------------------|--|
| Product Family | Cable Assemblies |
| Series | 214770 |
| 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 | 193264653638 |

Physical

| | |
|------------------------------|----------------------|
| Cable Length | 500.00mm |
| Circuits (Loaded) | 6 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Resin | Nylon |
| Net Weight | 59.693/g |
| Number of Rows | 1 |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 1.016µm |
| Single Ended | No |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.85mm max. |
| Wire Size AWG | 20 |
| Wire/Cable Type | UL 2464 |

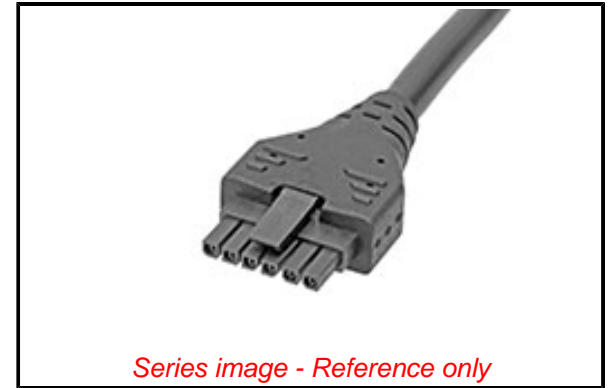
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

Material Info

Reference - Drawing Numbers

| | |
|---------------|----------------|
| Sales Drawing | 2147700605-000 |
|---------------|----------------|



Series image - Reference only

EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[214770 Series](#)

Mates With

Micro-Fit 3.0 Plug Housings [43640](#)

Micro-Fit TPA Plug Housing [200875](#)

Micro-Fit 3.0 Headers [43650](#)

 Micro-Fit 3.0 Cable Assembly [214752](#) ,
[214753](#)