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Part Number:

0451350810

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black



Series image - Reference only

Documents:

[Drawing \(PDF\)](#)

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

[Datasheet \(PDF\)](#)

|                        |                                    |
|------------------------|------------------------------------|
| General                |                                    |
| Product Family         | Cable Assemblies                   |
| Series                 | 45135                              |
| Application            | Power, Wire-to-Board, Wire-to-Wire |
| Assembly Configuration | Dual Ended Connectors              |
| Connector to Connector | Mini-Fit TPA2 Both Ends            |
| Overmolded             | No                                 |
| Overview               | Mini-Fit Family Power Connectors   |
| Product Name           | Mini-Fit TPA2                      |
| Type                   | Discrete Wire Assembly             |
| UPC                    | 889056743556                       |

|                                |                      |
|--------------------------------|----------------------|
| Physical                       |                      |
| Cable Length                   | 1.0m                 |
| Circuits (Loaded)              | 8                    |
| Color - Resin                  | Black                |
| Gender                         | Female-Female        |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Nylon                |
| Net Weight                     | 140.950/g            |
| Number of Rows                 | 2                    |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 4.20mm               |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.889µm              |
| Single Ended                   | No                   |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 2.35mm               |
| Wire Size AWG                  | 16                   |
| Wire/Cable Type                | UL 1007              |

|                               |      |
|-------------------------------|------|
| Electrical                    |      |
| Current - Maximum per Contact | 7.0A |
| Voltage - Maximum             | 300V |

Material Info

|                             |                |
|-----------------------------|----------------|
| Reference - Drawing Numbers |                |
| Sales Drawing               | 2012341037-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

45135 Series

Mates With

Mini-Fit Jr. Headers 5566 , 5569 <br>Mini-Fit Jr. Plug Housing 5559

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