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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

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

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 |

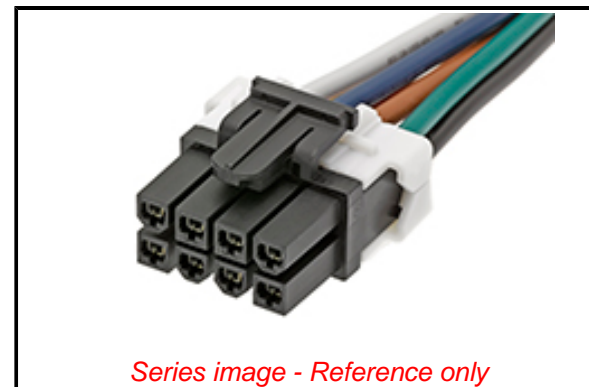
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------|----------------|
| Sales Drawing | 2012341037-000 |
|---------------|----------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

45135 Series

Mates With

Mini-Fit Jr. Headers [5566](#) , [5569](#)
Mini-Fit Jr. Plug Housing [5559](#)

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