

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0451360203](#)
Status: **Active**
Overview: Mega-Fit Power Connectors
Description: Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Matte Tin Plated, 2 Circuits, Black

Documents:

| | |
|--------------------------------|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| 3D Model (PDF) | |

General

| | |
|------------------------|---|
| Product Family | Cable Assemblies |
| Series | 45136 |
| Application | Power, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Mega-Fit-to-Mega-Fit |
| Overmolded | No |
| Overview | Mega-Fit Power Connectors |
| Product Name | Mega-Fit |
| Type | Discrete Wire Assembly, High-Power Assembly |
| UPC | 191128777483 |

Physical

| | |
|--------------------------------|----------------------|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 2 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Matte Tin |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Nylon |
| Net Weight | 31.441/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Pitch - Mating Interface | 5.70mm |
| Plating min - Mating | 1.524µm |
| Plating min - Termination | 1.524µm |
| Single Ended | No |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 3.90mm |
| Wire Size AWG | 12 |
| Wire/Cable Type | UL 1015 |

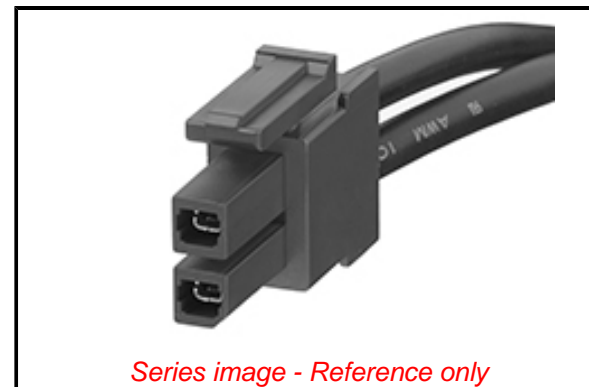
Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 23.0A |
| Voltage - Maximum | 600V |

Material Info

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | 451360201-000 |
|---------------|---------------|



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

[45136 Series](#)

Mates With

Mega-Fit Header [76825](#) , [76829](#)