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Part Number: [2451361010](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, Gold (Au) Plated, 10 Circuits, Black

Documents:

| | |
|--------------------------------|---|
| 3D Model | Packaging Specification 2027040022-PK (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|------------------------|---|
| Product Family | Cable Assemblies |
| Series | 245136 |
| Application | Power, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Mega-Fit-to-Mega-Fit |
| Overmolded | Yes |
| Overview | Mega-Fit Power Connectors |
| Product Name | Mega-Fit |
| Type | Overmolded Assembly |
| UPC | 191128799072 |

Physical

| | |
|--------------------------------|----------------------|
| Cable Length | 1.0m |
| Circuits (Loaded) | 10 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | PBT |
| Net Weight | 394.900/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Pitch - Mating Interface | 5.70mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 0.381µm |
| Single Ended | No |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 15.50mm |
| Wire Size AWG | 12 |
| Wire/Cable Type | UL 2464 |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 18.4A |
| Voltage - Maximum | 300V AC |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|----------------|
| Packaging Specification | 2027040022-PK |
| Sales Drawing | 2014400081-000 |



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

[245136 Series](#)

Mates With

Mega-Fit Header [172064](#) , [172065](#)

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