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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:                     |                                                             |
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification 2027040022-PK (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">Datasheet (PDF)</a>                             |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |

|                                |                                           |
|--------------------------------|-------------------------------------------|
| 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                       | <a href="#">Mega-Fit Power Connectors</a> |
| Product Name                   | Mega-Fit                                  |
| Taxonomy                       | Power and Signal Cable Assembl            |
| 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  | 10.0A                                     |
| Voltage - Maximum              | 300V AC                                   |
| Material Info                  |                                           |
| Reference - Drawing Numbers    |                                           |
| Packaging Specification        | 2027040022-PK                             |
| Sales Drawing                  | 2014400081-000                            |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

245136 Series

Mates With

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

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