



Part Number : 2244821024

Series Number : 224482

Product Category : Power and Signal Cable Assemblies

Product Description : MicroTPA-to-MicroTPA Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 600.00mm Length, 2 Circuits, Natural

Status : Active

## Documents & Resources

### Drawings

Drawing 2244821024\_sd.pdf

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

## Part Details

## General

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                  |
| Category               | Power and Signal Cable Assemblies                                                                                       |
| Series                 | 224482                                                                                                                  |
| Description            | MicroTPA-to-MicroTPA Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 600.00mm Length, 2 Circuits, Natural |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                                      |
| Assembly Configuration | Dual Ended Connectors                                                                                                   |
| Connector to Connector | MicroTPA-to-MicroTPA                                                                                                    |
| Product Family         | MicroTPA Connector System                                                                                               |
| Product Name           | MicroTPA                                                                                                                |
| Type                   | Discrete Wire Assembly                                                                                                  |
| UPC                    | 196823368448                                                                                                            |

## Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

## Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 600.00mm        |
| Circuits (Loaded)              | 2               |
| Color - Resin                  | Natural         |
| Gender                         | Female-Female   |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 5.540/g         |
| Number of Rows                 | 1               |
| Overmolded                     | No              |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface       | 2.00mm          |

|                             |                      |
|-----------------------------|----------------------|
| Single Ended                | No                   |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Insulation Diameter    | 1.22mm               |
| Wire Size (AWG)             | 22                   |

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**Mates With / Use With**

**Mates with Part(s)**

|                                          |              |
|------------------------------------------|--------------|
| Description                              | Part Number  |
| MicroTPA Plug Housings                   | <u>51227</u> |
| MicroTPA Vertical High Wall Type Headers | <u>55487</u> |
| MicroTPA Vertical Kinked PC Tail Headers | <u>55755</u> |