**Part Number :** 2240511043
**Product Description :** Mini50-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 4 Circuits, Black
**Series Number :** 224051
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

2240511043_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Relevant |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

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- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 224051 |
| Description | Mini50-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 4 Circuits, Black |
| Application | Automotive, Wire-to-Board |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | Mini50-to-Pigtail |
| Product Name | Mini50 |
| Type | Discrete Wire Assembly |
| UPC | 196823494611 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 14V DC |

### Physical

| | |
|---|---|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Gender | Female-Pigtail |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |

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| | |
|---|---|
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polybutylene Terephthalate (PBT) |
| Net Weight | 4.715/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.00mm |
| Single Ended | Yes |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | FLRYW125 |
| Wire Size (AWG) | 22 |
| Wire Size $mm^2$ | 0.22 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini50 Unsealed Single Row Inline Housings | 203700 |
| Mini50 Unsealed Single Row Right-Angle Headers | 34912 |



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