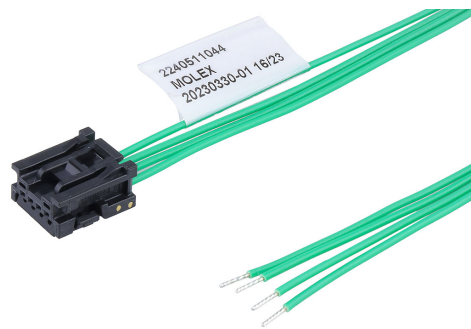




**Part Number :** [2240511043](#)  
**Product Description :** Mini50-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 4 Circuits, Black  
**Series Number :** 224051  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[2240511043\\_sd.pdf](#)

## 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(2024)6225-DC (07 Nov 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

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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, Signal, 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   |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | 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 Insulation Diameter    | 1.05mm               |
| Wire Size (AWG)             | 22                   |
| Wire Size mm <sup>2</sup>   | 0.22                 |

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## Mates With / Use With

### Mates with Part(s)

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