



**Part Number :** [2163311023](#)  
**Product Description :** EdgeLock-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Tin (Sn) Plating, 300.00mm Length, 2 Circuits, Black  
**Series Number :** 216331  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2163311023\\_sd.pdf](#)  
[Packaging Design Drawing 2163301021-001.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(2024)4144-DC (27 June 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)

## Part Details

### General

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                     |
| Category               | Power and Signal Cable Assemblies                                                                                          |
| Series                 | 216331                                                                                                                     |
| Description            | EdgeLock-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Tin (Sn) Plating, 300.00mm Length, 2 Circuits, Black |
| Application            | Signal, Wire-to-Board                                                                                                      |
| Assembly Configuration | Single Ended Connector                                                                                                     |
| Connector to Connector | Edgelock-to-Pigtail                                                                                                        |
| Product Family         | EdgeLock Wire-to-Edge-Card Signal System                                                                                   |
| Product Name           | EdgeLock                                                                                                                   |
| Type                   | Discrete Wire Assembly                                                                                                     |
| UPC                    | 193264682973                                                                                                               |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 125V |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 300.00mm        |
| Circuits (Loaded)              | 2               |
| Circuits (maximum)             | 2               |
| Color - Resin                  | Black           |
| Gender                         | N/A             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 4.194/g         |
| Number of Rows                 | 1               |

|                             |                                                |
|-----------------------------|------------------------------------------------|
| Overmolded                  | No                                             |
| Packaging Type              | Bag                                            |
| Pitch - Mating Interface    | 2.00mm                                         |
| Plating min - Mating        | 1.000µm                                        |
| Single Ended                | Yes                                            |
| Termination Interface Style | Crimp or Compression, Straddle Mount-Edge Card |
| Wire/Cable Type             | UL 10002                                       |
| Wire Insulation Diameter    | 1.10-1.40mm                                    |
| Wire Size (AWG)             | 22                                             |

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### Mates With / Use With

#### Mates with Part(s)

|             |               |
|-------------|---------------|
| Description | Part Number   |
| Mates With  | Edge Card PCB |