# molex

Part Number: 1200678311

Product Description: Micro-Change (M12) Single-Ended Cordset, 3 Poles, Female (90°) to Pigtail with PNP LED Sensors, 0.34mm<sup>2</sup> PUR

LSOH Cable 0.0m (32.81') Length

Series Number: 120067

**Status:** Active

**Product Category:** Circular Industrial

Cordsets

Engineering Number: 8030P1H09M100



#### **Documents & Resources**

#### **Drawings**

Drawing 1200678311\_sd.pdf

### **Product Environment Compliance**

#### Compliance

| GADSL/IMDS         | Not Relevant   |
|--------------------|--|
| China RoHS         | <b>6</b>   |
| EU ELV             | Not Relevant   |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-<br>21                   |
| REACH SVHC         | Contains Lead; TBBA per<br>D(2024)4144-DC (27 June 2024) |
| EU RoHS            | Compliant with Exemption 6(c) per<br>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

## **Part Details**

## General

| Status         | Active   |
|----------------|--|
| Category       | Circular Industrial Cordsets   |
| Series         | 120067   |
| Description    | Micro-Change (M12) Single-Ended<br>Cordset, 3 Poles, Female (90°) to<br>Pigtail with PNP LED Sensors,<br>0.34mm <sup>2</sup> PUR LSOH Cable0.0m<br>(32.81') Length |
| IP Rating      | IP67   |
| Product Family | Brad Micro-Change (M12)<br>Connectors  |
| Product Name   | Micro-Change (M12)   |
| Protocol       | PROFIBUS   |
| Region         | Europe   |
| Туре           | Single Ended   |
| UPC            | 78172514713  |

## Electrical

| Current - Maximum per Contact | 4.0A      |
|-------------------------------|-----------|
| Voltage - Maximum             | 30V AC/DC |

## Physical

| Cable Diameter          | 4.32mm (.170")     |
|-------------------------|--------------------|
| Cable Length            | 10.0m (32.81')     |
| Color - Cable Jacket    | Black              |
| Connector End A         | Micro-Change (M12) |
| Connector End B         | Pigtail            |
| Coupling Style          | Threaded           |
| Gender                  | Female-Pigtail     |
| Keyway                  | Single             |
| LED Indicator           | PNP Sensors        |
| Material - Cable Jacket | PUR                |

| Material - Connector Body     | PUR                 |
|-------------------------------|---------------------|
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Fluoro-elastomer    |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 266.377/g           |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 3                   |
| Temperature Range - Operating | -30° to +90°C       |
| Wire/Cable Type               | UL 21198            |
| Wire Size (AWG)               | N/A                 |

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