



Part Number : 1205000314

Series Number : 120500

Product Category : Circular Industrial Cordsets

Product Description : Micro-Change (M12) Single-Ended Cordset, 5 Poles, L-Coded , Male (Straight) to Pigtail, 16 AWG, Gray TPU WSOR Cable, 1.0m (3.28') Length

Status : Active

Engineering Number : L0P5006B66M010

Documents & Resources

Drawings  
Drawing 1205000314\_sd.pdf

Product Environment Compliance

Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         | Not Relevant                                   |
| EU ELV             | Compliant with Exemption 3 per 2000/53/EC      |
| Low-Halogen Status | Not Relevant                                   |
| REACH SVHC         | Contains Lead per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS            | Compliant with Exemption 6(c) 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       | Circular Industrial Cordsets                                                                                                             |
| Series         | 120500                                                                                                                                   |
| Description    | Micro-Change (M12) Single-Ended Cordset, 5 Poles, L-Coded , Male (Straight) to Pigtail, 16 AWG, Gray TPU WSOR Cable, 1.0m (3.28') Length |
| IP Rating      | IP67                                                                                                                                     |
| Product Family | Brad Micro-Change (M12) Connectors                                                                                                       |
| Product Name   | Micro-Change (M12)                                                                                                                       |
| Region         | Asia, Europe                                                                                                                             |
| Type           | Single Ended                                                                                                                             |
| UPC            | 196823149696                                                                                                                             |

### Agency

|    |         |
|----|---------|
| UL | E152210 |
|----|---------|

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 12.0A |
| Voltage - Maximum             | 63V   |

### Physical

|                         |                    |
|-------------------------|--------------------|
| Cable Diameter          | 8.60mm (.338")     |
| Cable Length            | 1.0m (3.28')       |
| Color - Cable Jacket    | Gray               |
| Connector End A         | Micro-Change (M12) |
| Connector End B         | Pigtail            |
| Coupling Style          | Threaded           |
| Gender                  | Male-Pigtail       |
| Keyway                  | L-Coded            |
| LED Indicator           | No                 |
| Material - Cable Jacket | WSOR TPU           |

|                               |                     |
|-------------------------------|---------------------|
| Material - Connector Body     | TPE                 |
| Material - Contact            | Brass               |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 144.077/g           |
| Orientation                   | Straight to Pigtail |
| Poles                         | 5                   |
| Temperature Range - Operating | -25° to +85°C       |
| Wire/Cable Type               | UL 21215            |
| Wire Size (AWG)               | 16                  |

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This document was generated on Jun 13, 2024