



**Part Number :** [1204010041](#)

**Product Description :** M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock 2.0 Double-Ended Cordset, 4 Poles, Female (90°) to Male (Straight), 22 AWG, Black TPU WSOR Cable, 1.0m (3.28') Length

**Series Number :** 120401

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Part Number :** YY4031B30M010

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## Documents and Resources

### Drawings

[1204010041\\_sd.pdf](#)

### Specifications

[1204000001-P10.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                    |
| China RoHS         | Not Relevant                                    |
| EU ELV             | Compliant per 2000/53/EC                        |
| Low-Halogen Status | Not Relevant                                    |
| REACH SVHC         | Not Contained per D(2021)10043-DC (17 Jan 2022) |
| 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

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

## Part Details

### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Circular Industrial Cordsets  |
| Series       | 120401  |
| Description  | M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock 2.0 Double-Ended Cordset, 4 Poles, Female (90°) to Male (Straight), 22 AWG, Black TPU WSOR Cable, 1.0m (3.28') Length |
| IP Rating    | IP67, IP69K   |
| Product Name | M12 Signal Push-Pull,Ultra-Lock 2.0 (M12)   |
| Type         | Double Ended  |
| UPC          | 195842262683  |

### Agency

|     |        |
|-----|--------|
| CSA | LR6837 |
|-----|--------|

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 250V |

### Physical

|                |                |
|----------------|----------------|
| Cable Diameter | 5.10mm (.201") |
| Cable Length   | 1.0m (3.28')   |

|                               |                      |
|-------------------------------|----------------------|
| Color - Cable Jacket          | Black                |
| Connector End A               | M12 Signal Push-Pull |
| Connector End B               | M12 Signal Push-Pull |
| Coupling Style                | Push-Pull            |
| Gender                        | Female-Male          |
| Keyway                        | A-Coded              |
| LED Indicator                 | None                 |
| Material - Cable Jacket       | TPU                  |
| Material - Connector Body     | TPC                  |
| Material - Contact            | Brass, Copper Alloy  |
| Material - Coupling Nut       | Polyamide            |
| Material - O-Ring             | Fluoro-elastomer     |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 61.886/g             |
| Orientation                   | 90° to Straight      |
| Poles                         | 4                    |
| Temperature Range - Operating | -40° to +85°C        |
| Wire/Cable Type               | UL 21215, WSOR       |
| Wire Size (AWG)               | 22                   |

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