**Part Number :** 1204010101
**Product Description :** M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock 2.0 Double-Ended Cordset, 8 Poles, Female (Straight) to Male (90°), 24 AWG, Black TPU WSOR Cable, 1.0m (3.28') Length
**Series Number :** 120401
**Status :** Active
**Product Category :** Circular Industrial Cordsets
**Engineering Part Number :** YY8032B41M010



## Documents and Resources

### Drawings

1204010101_sd.pdf

### Specifications

1204000001-P10.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Relevant |
| EU ELV | Not Reviewed per 2000/53/EC |
| Low-Halogen Status | Not Relevant |
| REACH SVHC | Contains Lead per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS | Not 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

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- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

CE - Declaration of Conformity

UKCA - Declaration of Conformity

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## 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, 8 Poles, Female (Straight) to Male (90°), 24 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 | 195842264199 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 30V |

### Physical

| | |
|---|---|
| Cable Diameter | 6.40mm (.252") |
| Cable Length | 1.0m (3.28') |

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| | |
|---|---|
| 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 |
| Material - Coupling Nut | Polyamide |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 86.028/g |
| Orientation | 90° to Straight |
| Poles | 8 |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type | UL 21215, WSOR |
| Wire Size (AWG) | 24 |



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