molex



**Part Number :** 1200868666
**Product Description :** Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Female (Straight) to Pigtail, 24 AWG, Black TPU WSOR Cable, 10.0m (32.81') Length
**Series Number :** 120086
**Status :** Active
**Product Category :** Circular Industrial Cordsets
**Engineering Part Number :** 405000B41M100

## Documents & Resources

### Drawings

1200868666_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(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant with Exemption 6(c) 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

CE - Declaration of Conformity

UKCA - Declaration of Conformity

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120086 |
| Description | Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Female (Straight) to Pigtail, 24 AWG, Black TPU WSOR Cable, 10.0m (32.81') Length |
| IP Rating | IP67 |
| Product Name | Nano-Change (M8) |
| Protocol | N/A |
| Type | Single Ended |
| UPC | 889056003711 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 30V |

### Physical

| | |
|---|---|
| Cable Diameter | 5.30mm (.209") |
| Cable Length | 10.0m (32.81') |
| Color - Cable Jacket | Black |
| Connector End A | Nano-Change (M8) |
| Connector End B | Pigtail |
| Coupling Style | Knurled Hexnut, Threaded |
| Gender | Female-Pigtail |

| | |
|---|---|
| Keyway | B-Coded |
| LED Indicator | None |
| Material - Cable Jacket | TPU |
| Material - Connector Body | TPU |
| Material - Contact | Brass |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 1245.000/g |
| Orientation | Straight to Pigtail |
| Poles | 5 |
| Temperature Range - Operating | -25° to +85°C |
| Wire/Cable Type | UL 21215 |
| Wire Size (AWG) | 24 |