



Part Number : 1200868670

**Product Description :** Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Female (90°) to Pigtail, 24 AWG, Black TPU WSOR Cable, 10.0m (32.81') Length

Series Number : 120086

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : 403001B41M100

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## Documents & Resources

### Drawings

Drawing 1200868670\_sd.pdf

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## 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)8585-DC (23 Jan 2024) |
| 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         | 120086  |
| Description    | Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Female (90°) to Pigtail, 24 AWG, Black TPU WSOR Cable, 10.0m (32.81') Length |
| IP Rating      | IP67  |
| Product Family | Brad M8 and M12 Cordsets with Knurled Hexnuts and WSOR Cable  |
| Product Name   | Nano-Change (M8)  |
| Protocol       | N/A   |
| Region         | Europe  |
| Type           | Single Ended  |
| UPC            | 889056003759  |

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A            |
| Voltage - Maximum             | 60V AC / 75V DC |

### Physical

|                           |                          |
|---------------------------|--------------------------|
| Cable Diameter            | 4.50mm (.177")           |
| 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                    | A-Coded                  |
| LED Indicator             | No                       |
| 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                    | 278.000/g           |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +85°C       |
| Wire/Cable Type               | UL 21215            |
| Wire Size (AWG)               | 24                  |

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