



**Part Number :** [1200875016](#)

**Product Description :** Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (90°), 24 AWG, Black PVC Cable, 0.60m (1.97') Length

**Series Number :** 120087

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** 443031E02M006



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## Documents & Resources


### Drawings

[1200875016\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Contains Lead... per D(2024)4144-DC (27 June 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

## Part Details

### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Circular Industrial Cordsets  |
| Series       | 120087  |
| Description  | Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (90°), 24 AWG, Black PVC Cable, 0.60m (1.97') Length |
| IP Rating    | IP67  |
| Product Name | Nano-Change (M8)  |
| Protocol     | N/A   |
| Type         | Double Ended  |
| UPC          | 883906269722  |

### Agency

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

### Electrical

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

### Physical

|                      |                  |
|----------------------|------------------|
| Cable Diameter       | 4.32mm (.170")   |
| Cable Length         | 0.60m (1.97')    |
| Color - Cable Jacket | Black            |
| Connector End A      | Nano-Change (M8) |
| Connector End B      | Nano-Change (M8) |
| Coupling Style       | Threaded         |
| Gender               | Female-Male      |
| Keyway               | A-Coded          |
| LED Indicator        | None             |

|                               |                     |
|-------------------------------|---------------------|
| Material - Cable Jacket       | PVC                 |
| Material - Connector Body     | PUR                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Fluoro-elastomer    |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 18.800/g            |
| Orientation                   | 90° to Straight     |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | UL 2464             |
| Wire Size (AWG)               | 24                  |

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