



Part Number : 1200868176

Series Number : 120086

Product Category : Circular Industrial Cordsets

Product Description : Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Male (90°) to Pigtail, 0.25mm<sup>2</sup> Black PVC Cable, 5.0m (16.40') Length

Status : Active

Engineering Number : 405007E02M050

Documents & Resources

Drawings

Drawing 1200868176\_sd.pdf

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(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, 5 Poles, B-Coded, Male (90°) to Pigtail, 0.25mm <sup>2</sup> Black PVC Cable, 5.0m (16.40') Length |
| IP Rating      | IP67                                                                                                                                                          |
| Product Family | Brad Nano-Change (M8) Products                                                                                                                                |
| Product Name   | Nano-Change (M8)                                                                                                                                              |
| Region         | Europe                                                                                                                                                        |
| Type           | Single Ended                                                                                                                                                  |
| UPC            | 78172511665                                                                                                                                                   |

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A            |
| Voltage - Maximum             | 30V AC / 36V DC |

### Physical

|                           |                     |
|---------------------------|---------------------|
| Cable Diameter            | 5.30mm (.209")      |
| Cable Length              | 5.0m (16.40')       |
| Color - Cable Jacket      | Black               |
| Connector End A           | Nano-Change (M8)    |
| Connector End B           | Pigtail             |
| Coupling Style            | Threaded            |
| Gender                    | Male-Pigtail        |
| Keyway                    | B-Coded             |
| LED Indicator             | No                  |
| Material - Cable Jacket   | PVC                 |
| Material - Connector Body | TPU                 |
| Material - Contact        | Brass               |
| Material - Coupling Nut   | Nickel-plated Brass |
| Material - Plating Mating | Gold                |

|                               |                |
|-------------------------------|----------------|
| Net Weight                    | 666.000/g      |
| Orientation                   | 90° to Pigtail |
| Poles                         | 5              |
| Temperature Range - Operating | -25° to +80°C  |
| Wire/Cable Type               | UL 2464        |
| Wire Size (AWG)               | 24             |