



Part Number : 1200270105

Series Number : 120027

Product Category : Circular Industrial Cordsets

Product Description : Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Male (Straight) to Pigtail, 0.25mm<sup>2</sup> Black PVC Cable, 5.0m (16.40') Length

Status : Active

Engineering Number : 403006E02M050

Documents & Resources

Drawings  
Drawing 1200270105\_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(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         | 120027                                                                                                                                         |
| Description    | Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Male (Straight) 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)                                                                                                                               |
| Protocol       | N/A                                                                                                                                            |
| Region         | Europe                                                                                                                                         |
| Type           | Single Ended                                                                                                                                   |
| UPC            | 883906102579                                                                                                                                   |

### Agency

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

### Electrical

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

### Physical

|                         |                  |
|-------------------------|------------------|
| Cable Diameter          | 4.70mm (.185")   |
| 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                  | A-Coded          |
| LED Indicator           | No               |
| 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                    | 153.800/g           |
| Orientation                   | Straight to Pigtail |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | UL 2464             |
| Wire Size (AWG)               | 24                  |