



**Part Number :** [1200868307](#)  
**Product Description :** Nano-Change (M8)  
Single-Ended Cordset, 3 Poles, A-Coded, Male  
(Straight) to Pigtail, 0.25mm<sup>2</sup> Black PVC Cable,  
10.0m (32.81') Length  
**Series Number :** 120086  
**Status :** Active  
**Product Category :** Circular Industrial  
Cordsets  
**Engineering Number :** 403006E02M100



## Documents & Resources

**Drawings**  
[1200868307\\_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(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       | 120086  |
| Description  | Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Male (Straight) to Pigtail, 0.25mm <sup>2</sup> Black PVC Cable, 10.0m (32.81') Length |
| IP Rating    | IP67  |
| Product Name | Nano-Change (M8)  |
| Protocol     | N/A   |
| Type         | Single Ended  |
| UPC          | 78172553797   |

### Electrical

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

### Physical

|                           |                     |
|---------------------------|---------------------|
| Cable Diameter            | 4.60mm (.181")      |
| Cable Length              | 10.0m (32.81')      |
| 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             | None                |
| Material - Cable Jacket   | PVC                 |
| Material - Connector Body | PUR                 |
| Material - Contact        | Copper Alloy        |
| Material - Coupling Nut   | Nickel-plated Brass |

|                               |                     |
|-------------------------------|---------------------|
| Material - Plating Mating     | Gold                |
| Net Weight                    | 301.700/g           |
| Orientation                   | Straight to Pigtail |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | UL 2464             |
| Wire Size (AWG)               | 24                  |