



**Part Number :** [1200868497](#)  
**Product Description :** Nano-Change (M8)  
Single-Ended Cordset with Knurled Hexnut, 3  
Poles, A-Coded, Female (90°) to Pigtail,  
0.25mm<sup>2</sup> Black PUR LSOH Cable, 1.0m (3.28')  
Length  
**Series Number :** 120086  
**Status :** Active  
**Product Category :** Circular Industrial  
Cordsets  
**Engineering Number :** 403001H08M010



Documents & Resources

Drawings  
[1200868497\\_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(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  
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### 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, 0.25mm <sup>2</sup> Black PUR LSOH Cable, 1.0m (3.28') Length |
| IP Rating    | IP67                                                                                                                                                                |
| Product Name | Nano-Change (M8)                                                                                                                                                    |
| Protocol     | N/A                                                                                                                                                                 |
| Type         | Single Ended                                                                                                                                                        |
| UPC          | 78172538145                                                                                                                                                         |

#### Electrical

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

#### Physical

|                           |                  |
|---------------------------|------------------|
| Cable Diameter            | 4.10mm (.161")   |
| Cable Length              | 1.0m (3.28')     |
| Color - Cable Jacket      | Black            |
| Connector End A           | Nano-Change (M8) |
| Connector End B           | Pigtail          |
| Coupling Style            | Threaded         |
| Gender                    | Female-Pigtail   |
| Keyway                    | A-Coded          |
| LED Indicator             | None             |
| Material - Cable Jacket   | PUR              |
| 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                    | 33.910/g            |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | UL 21198            |
| Wire Size (AWG)               | 24                  |

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This document was generated on Apr 22, 2025