



Part Number : [1200270154](#)

Product Description : Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 4 Poles, A-Coded, Female (90°) to Pigtail, 0.25mm² Black PVC Cable, 10.0m (32.81') Length

Series Number : 120027

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Part Number : 404001E02M100




Documents and Resources

Drawings

[1200270154_sd.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

| | |
|--------------|--|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120027 |
| Description | Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 4 Poles, A-Coded, Female (90°) to Pigtail, 0.25mm ² Black PVC Cable, 10.0m (32.81') Length |
| IP Rating | IP67 |
| Product Name | Nano-Change (M8) |
| Protocol | N/A |
| Type | Single Ended |
| UPC | 883906026400 |

Agency

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

Electrical

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

Physical

| | |
|----------------------|----------------|
| Cable Diameter | 5.08mm (.200") |
| Cable Length | 10.0m (32.81') |
| 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 | 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 | 338.900/g |
| Orientation | 90° to Pigtail |
| Poles | 4 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | UL 2464 |
| Wire Size (AWG) | 24 |

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